

Fig. 5. Four of the hooks as serially arranged on the proboscis: *a*, from the external series, *b*, from the second, *c*, from the third, and *d*, from the innermost, respectively. Magnified 60 diameters.

Fig. 6. A hook from the outermost row; showing the apex (*a*), base (*b*), bulbous projection (*c*), the posterior root-process or fang (*d*), the minute opening at its extremity (*e*), which by means of a narrow channel (*f*) communicates with the general cavity of the organ (*g*). The anterior fang is marked *h*. Magnified 355 diameters.

Fig. 7. Diagram representing a vertical section of the anterior end of the neck: *a*, collar; *b*, fold of the first annulation; *c*, sheath of the proboscis; *d*, lumen of the neck; *e*, cavity for lodgment of the retracted proboscis; *f*, longitudinal muscular layer; *g*, lemniscus.

Fig. 8. Three eggs, showing the outer (*a*), middle (*b*), and inner envelope (*c*); also the yolk (*d*). Magnified 350 diameters.

Fig. 9. Two of the eggs found divested of their external coverings.

5. List of the Butterflies of Peru, with Descriptions of new Species. By HERBERT DRUCE, F.L.S., F.Z.S. With some Notes by EDWARD BARTLETT.

[Received January 10, 1876.]

(Plates XVII. & XVIII.)

During the past few years Mr. Salvin and I have received several collections from Peru, principally made by Mr. Henry Whitely. I now think it advisable to draw up the following list of the species, only including those that I have been able to examine myself, and of which I am certain of the locality being correct. I hope by so doing to give some idea of the Butterfly-fauna of Peru, as well as to advance our knowledge of the geographical distribution of Butterflies. The collections from which I have made this list were formed by Mr. Bartlett, Mr. Henry Whitely, and Mr. Pearce, in the following localities.

Mr. Bartlett collected in the eastern part of Peru; for the exact places visited by him, see map, P. Z. S. 1873, p. 252, pl. xxv. Mr. Henry Whitely's principal collection was made in the valley of Cosnipata, situated on the eastern slope of the Andes of Caravaya, and the smaller collections at Paucartombo and Huasampilla, eastward of Cuzco, at an elevation of about 9000 to 10,000 feet; he also made a very small collection last year at Huiro, valley of Santana, north of Cuzco, at an elevation of about 4800 feet. Mr. Pearce, who travelled in Peru and Bolivia as a botanical collector for Messrs. James Veitch and Sons, the well-known Horticulturists, collected at Pozuzo and Mūna.

The collections contained 494 species (18 of which I have described as new), representing 133 genera.

Mr. Bartlett's collection had been picked over before any specimens came into our possession; so that this list does not contain all the species collected by him.

Family I. NYMPHALIDÆ, Swains.

Subfamily 1. DANAINÆ, Bates.

Genus DANAIS, Latr.

1. *D. ERESIMUS*, Cram. (*Pap. e.*) *Pap. Exot.* ii. t. 175. f. G, H (1779).

Ucayali (*Bartlett*). Mus. D.
 "Not common; frequents the banks of rivers."—*E. B.*

2. *D. HERMIPPUS*, Feld. *Reise Nov. Lep.* ii. p. 348 (1867).

Cormillo (*Pearce*). Mus. S. G.

Genus LYCOREA, Doubl.

1. *L. CLEOBÆA*, Godt. (*Helic. c.*) *Enc. Méth.* ix. p. 222 (1819).
 Peru. Mus. D.

2. *L. ATERGATIS*, Doubl. & Hew. *Gen. D. L.* t. 16. f. 1 (1847).

Pozzuzo (*Pearce*). Mus. S. G.
 Nauta (*Bartlett*). Mus. D.

"Found in damp shady places."—*E. B.*

Genus ITUNA, Doubl.

1. *T. PHENARETE*, Doubl. & Hew. *Gen. D. L.* t. 17. f. 1 (1847).
 Pozzuzo (*Pearce*). Mus. S. G. & D.

Genus METHONA, Doubl.

1. *M. PSIDI*, Linn. (*Pap. p.*) *Mus. Ulr.* p. 228 (1764).

Pozzuzo (*Pearce*). Mus. S. G.
 Ucayali (*Bartlett*). Mus. D.

"In shady places on the banks of the Ucayali."—*E. B.*

Genus THYRIDIA, Hübn.

1. *T. INO*, Feld. *Wien. ent. Mon.* vi. p. 75 (1862).

Pozzuzo (*Pearce*). Mus. S. G.

Genus DIRCENNA, Doubl.

1. *D. ZELIE* (*Helic. z.*), Guér. *Icon. Règne Anim. Ins. texte*, p. 479 (1844).

Ucayali (*Bartlett*). Mus. S. G. & D.
 "Frequents dull shady places."—*E. B.*

2. *D. RHŒA*, Feld. *Wien. ent. Mon.* iv. p. 102 (1860).

Ucayali (*Bartlett*). Mus. S. G.

Genus CERATINIA, Hübn.

1. *C. OULITA*, Hew. (*Ith. o.*) *Exot. Butt.* ii. *Ith.* t. 22. f. 138 (1859).

Peru. Mus. D.

2. *C. STATILLA*, Hew. (*Ith. s.*) Exot. Butt. v. *Ith. t.* 32. f. 217 (1874).

Huïro, valley of Santana (*H. Whitely*). Mus. D.

3. *C. CRISPINILLA*, Hopff. Stett. ent. Zeit. 1874, p. 340.

Ucayali (*Bartlett*). Mus. D.

4. *C. SEMIFULVA*, Salv. Ann. Nat. Hist. ser. 4, vol. iv. p. 163 (1869).

Pozzuzo (*Pearce*). Mus. S. G. & D.

5. *C. ANASTASIA*, Bates, Trans. Linn. Soc. xxiii. p. 526 (1862).

Ucayali (*Bartlett*). Mus. D.

“Taken in the broad pathways to Sarayacu on the Upper Ucayali; not common.”—*E. B.*

6. *C. FRATER*, Salv. (*Ith. f.*) Ann. Nat. Hist. ser. 4, vol. iv. p. 163 (1869).

Pozzuzo (*Pearce*). Mus. S. G. & D.

7. *C. ALEXIA*, n. sp. (Plate XVII. fig. 4.)

Upperside (*female*): anterior wing black, with the base rufous orange; a yellow spot at the end of the cell and one below nearest the anal angle crossed near the apex by a band of yellow, a submarginal row of six small white spots; posterior wing rufous orange, a spot at the end of the cell and the outer margin black. Underside the same as above, with less orange-colour; the costal margin of the posterior wing black, and a submarginal row of white spots on the hind margin.

Exp. $2\frac{1}{4}$ inches.

Peru.

Mus. D.

8. *C. BAANA*, n. sp.

Upperside (*female*) orange; anterior wing crossed beyond the middle by a narrow band of yellow, an elongated spot in the cell, one at the end of the cell, and one below near the inner margin all black; the apex broadly black; posterior wing orange, with the outer margin (which is very narrow) black. Underside the same as above, except that the base of the posterior wing is yellow, the costal margin black, and a submarginal band of white spots to both wings.

Exp. $2\frac{1}{4}$ inches.

Peru.

Mus. D.

9. *C. TIGRINA*, n. sp. (Plate XVII. fig. 2.)

Upperside (*female*) like *C. fluonia* without the yellow markings, except a small spot beyond the middle on the costal margin, the apex rufous with a marginal row of black spots; posterior wing rufous, with the central band as in *C. fluonia*, the outer margin black, dentated on the inner side. Underside as above.

Exp. $2\frac{1}{4}$ inches.

Ucayali (*Bartlett*).

Mus. D. & S. G.

The specimens vary in the amount of yellow in the posterior wing. It may be a local race of *C. fluonia*, but is a distinct and well-marked form.

Genus SAIS, Hübn.

1. S. ZITELLA, Hew. (*Ith. z.*) Exot. Butt. iv. *Ith.* t. 25. f. 176 (1868).

Ucayali (*Bartlett*).

Mus. S. G. & D.

Genus SCADA, Kirby.

1. S. THEAPHIA (Bates), Trans. Linn. Soc. xxiii. p. 529 (1862).

Ucayali (*Bartlett*).

Mus. D.

“Found in low moist places in the forest, upon a small white flower.”—*E. B.*

Genus MECHANITIS, Fabr.

1. M. ORTYGIA, n. sp. (Plate XVII. fig. 5.)

Upperside (*male*) transparent yellowish white, bordered with greyish black, the margins all black; the anterior wing crossed at the end of the cell by a black band widest on the costal margin. Underside as above, except that the base and half of the costal margin of the posterior wing is yellow, and several white spots at the apex of both wings.

Exp. 2 inches.

Huero, valley of Santana (*H. Whitely*).

Mus. D.

A most singular species, exactly like an *Ithomia* with the neuraction of *Mechanitis*.

2. M. POLYMNIA, Linn. (*Pap. p.*) Mus. Ulr. p. 224 (1764).

Nauta and Chyavetes (*Bartlett*).

Mus. D.

3. M. METHONE, Hew. Exot. Butt. ii. *Mech.* t. 3. f. 14 (1860).

Peru.

Mus. D.

4. M. MAZEUS, Hew. *l. c.* t. 2. f. 8 (1860).

Huallaga (*Bartlett*).

Mus. S. G.

5. M. OCONA, n. sp.

Upperside (*male*): anterior wing black, the base to the middle of the cell rufous; an oblique band crossing the end of the cell to the apex and two others beyond bright yellow, the third close to the apex and only extending to the middle of the wing, four small white spots on the hind margin; posterior wing orange, yellowish in the middle, crossed from the inner margin to the apex by a zigzag band of black, the outer margin black, widest at the apex. Underside the same as above, with a submarginal row of white spots to both wings and the costal margin of the posterior wing black.

Exp. 2½ inches.

Huero, valley of Santana (*H. Whitely*).

Mus. D.

Mr. Whitely has only sent one specimen of this species.

Genus NAPEOGENES, Bates.

1. N. CORENA, Hew. (*Ith. c.*) Exot. Butt. ii. *Ith. t.* 23. f. 142 (1861).

Yurimaguas (*Bartlett*). Mus. D.
 "Rare."—*E. B.*

2. N. VERTICILLA, Hew. Exot. Butt. v. *Ith. t.* 33. f. 219 (1874).
 Peru. Mus. D.

3. N. PHARO, Feld. Wien. ent. Mon. vii. p. 76 (1862).
 Ucayali (*Bartlett*). Mus. D.

"The species of this genus are found in the darkest parts of the forest, upon small obscure flowers, which they resemble, only being noticed when disturbed."—*E. B.*

4. N. PYRRHO, n. sp. (Plate XVII. fig. 1.)

Upperside (*female*): anterior wing orange, the apical half and a round spot in the cell black, crossed at the apex by a band of pale yellow; posterior wing orange, with the outer margin and a band of spots placed longitudinally across the middle black. Underside: anterior wing the same as above, with a submarginal row of white spots; posterior wing as above, with two small white spots at the apex.

Exp. $2\frac{1}{4}$ inch.
 Yurimaguas (*Bartlett*). Mus. D.

Genus ITHOMIA, Hübn.

1. I. ANCHIALIA, Hew. Exot. Butt. iv. *Ith. t.* 26. f. 162 (1868).
 Ucayali (*Bartlett*). Mus. D.

2. I. ILEDINA, Hew. C. C. ii. *Ith. t.* 21. f. 129 (1858).
 Ucayali (*Bartlett*). Mus. D.
 "Rare."—*E. B.*

3. I. JANARILLA, Hew. Exot. Butt. iii. *Ith. t.* 24. f. 150 (1863).
 Yurimaguas (*Bartlett*). Mus. D.
 "Very common."—*E. B.*

4. I. ONEGA, Hew. Exot. Butt. i. *Ith. t.* 1. f. 1 (1852).
 Ucayali (*Bartlett*). Mus. D. & S. G.
 "Very plentiful."—*E. B.*

5. I. ATTALIA, Hew. Exot. Butt. ii. *Ith. t.* 13. f. 77 (1855).
 Valley of Cosnipata (*H. Whitely*). Mus. S. G. & D.

6. I. QUINTINA, Feld. Reise Nov. Lep. ii. t. 44. f. 11, 12, iii. p. 361 (1867).

Chanchamayo (*Thamm*). Mus. D.
 Pozuzo (*Pearce*). Mus. S. G.

7. I. TUTIA, Hew. Exot. Butt. i. *Ith.* t. 1. f. 6 (1852).
 Nauta (*Bartlett*). Mus. D.
 The specimen from Nauta differs from the type by having the yellow band replaced by tawny, and may prove to be a distinct species.
8. I. PHONO, Hübn. (*Hymenitis p.*) Zutr. ex. Schmett. f. 987, 988 (1837).
 Yurimaguas (*Bartlett*). Mus. D.
9. I. ZAVALETTA, Hew. Exot. Butt. i. t. 9. f. 49 (1854).
 Pozuzo (*Pearce*). Mus. S. G.
 Ucayali (*Bartlett*). Mus. D.
 "Not common."—*E. B.*
10. I. SAO, Hübn. (*Hymn. s.*) Zutr. ex. Schmett. f. 767, 768 (1832).
 Ucayali (*Bartlett*). Mus. D.
 "Plentiful, and found flying with other species."—*E. B.*
11. I. ANTISAO, Bates, Trans. Linn. Soc. xxiii. p. 544 (1862).
 Ucayali (*Bartlett*). Mus. S. G.
12. I. PRIMULA, Bates, Trans. Linn. Soc. xxiii. p. 545 (1862).
 Yurimaguas (*Bartlett*). Mus. D.
 "The only locality in which I found this species."—*E. B.*
13. I. EURIMEDIA, Cram. (*Pap. e.*) Pap. Ex. ii. t. 126. f. C, D (1779).
 Nauta and Yurimaguas (*Bartlett*). Mus. D.
 "Not common."—*E. B.*
14. I. ELARU, Hew. Exot. Butt. i. *Ith.* t. 11. f. 62, 63 (1855).
 Ucayali (*Bartlett*). Mus. S. G.
15. I. SEBA, Hew. Exot. Butt. v. *Ith.* t. 20. f. 196 (1872).
 Yurimaguas (*Bartlett*). Mus. D.
16. I. SALONINA, Hew. Exot. Butt. i. *Ith.* t. 14. f. 86 (1855).
 Peru. Mus. D.
17. I. TIMNA, Hew. Exot. Butt. i. *Ith.* t. 8. f. 44 (1854).
 Huallaga (*Bartlett*). Mus. S. G.
18. I. CHRYSODONIA, Bates, Trans. Linn. Soc. xxiii. p. 546, t. 56. f. 3 a (1862).
 Yurimaguas (*Bartlett*). Mus. D.
19. I. CIDONIA, Hew. Exot. ii. *Ith.* t. 20. f. 121 (1857).
 Yurimaguas and Huallaga (*Bartlett*). Mus. D. & S. G.

20. I. ORIANA, Hew. Exot. Butt. ii. *Ith.* t. 22. f. 134 (1859).

Ucayali and Yurimaguas (*Bartlett*). Mus. S. G. & D.
 "Scarce."—*E. B.*

21. I. NEPHELE, Bates, Trans. Linn. Soc. xxiii. p. 548 (1862).

Huallaga (*Bartlett*). Mus. S. G.
 Nauta and Yurimaguas (*Bartlett*). Mus. D.
 "Not common."—*E. B.*

22. I. THEUDELINDA, Hew. Exot. Butt. ii. *Ith.* t. 23. f. 146 (1861).

Peru. Mus. D.

23. I. ZALMUNNA, Hew. Exot. Butt. iv. *Ith.* t. 27. f. 175, 176 (1869).

Peru. Mus. D.

Genus MELINÆA, Hübn.

1. M. CYDIPPE, Salv. Ann. Nat. Hist. ser. 4, vii. p. 412 (1871).
 Pozzuzo (*Pearce*). Mus. S. G. & D.

2. M. ORESTES, Salv. C. C. p. 412.
 Pozzuzo (*Pearce*). Mus. S. G.

3. M. PHASIANA, Butl. Trans. Ent. Soc. 1870, p. 489.
 Yurimaguas (*Bartlett*). Mus. D.

4. M. CHINCHA, n. sp. (Plate XVII. fig. 3.)
 ♂, Exactly like *M. ishka*, Butl. (Hew. Exot. Butt. i. *Mech.* t. 1. f. 3), excepting that the yellow band is replaced by tawny.
 Exp. $3\frac{1}{4}$ inches.
 Pozzuzo (*Pearce*). Mus. S. G.

5. M. PARDALIS, Bates, Trans. Linn. Soc. xxiii. p. 552 (1867).
 E. Peru (*Bartlett*). Mus. D.

Genus TITHOREA, Doubl.

1. T. HARMONIA, Cram. (*Pap. h.*) Pap. Exot. ii. t. 190 (1779).
 Nauta (*Bartlett*). Mus. D.

2. T. NEITHA, Hopff. Stett. ent. Zeit. 1874, p. 337.
 Chanchamayo (*Thamm.*). Mus. D.

Subfamily 2. SATYRINÆ, Bates.

Genus CITHÆRIS, Hübn.

1. C. AURORA, Feld. Wien. ent. Mon. vi. p. 175 (1862).
 Ucayali (*Bartlett*). Mus. D.

Pozzuzo (*Pearce*). Mus. S. G.
 "Found in the darkest parts of the forest, on the ground and about rotten fruit" &c.—*E. B.*

2. *C. PYROPINA*, Salv. & Godm. (*Callitera p.*) Ann. Nat. Hist. ser. 4, ii. f. 141 (1868).

Pozuzo (*Pearce*).

Mus. S. G. & D.

Genus *HETÆRA*, Fab.

1. *H. PIERA*, Linn. (*Pap. p.*) Mus. Ulr. p. 220 (1764).

Ucayali and Yurimaguas (*Bartlett*).

Mus. D.

"This species I found commonly in the dense and moist parts of the forest on the Upper Ucayali, and in similar localities at Yurimaguas, but not so plentiful."—*E. B.*

2. *H. HYPÆSIA*, Hew. Trans. Ent. Soc. ser. 2, ii. p. 247, t. 23. f. 2 (1854).

Valley of Cosnipata (*H. Whitely*).

Mus. D.

3. *H. MACLEANNANIA*, Bates, Ent. Month. Mag. i. p. 180 (1865).

Pozuzo (*Pearce*).

Mus. S. G.

The specimens from Peru are much more highly coloured than the type.

Genus *PIERELLA*, Westw.

1. *P. HYCETA*, Hew. Exot. Butt. ii. *Hæt.* t. 1. f. 1 (1860).

Pozuzo (*Pearce*).

Mus. S. G.

Nauta and Yurimaguas (*Bartlett*).

Mus. D.

"Not common; found in the darkest parts of the forest."—*E. B.*

2. *P. DINDYMENE*, Cram. (*Pap. d.*) Pap. Exot. iii. t. 198. f. F, G (1780).

Ucayali and Yurimaguas (*Bartlett*).

Mus. D.

"Common in low moist parts of the dense forest."—*E. B.*

3. *P. LAMIA*, Sulz. Gesch. Ins. t. 18. f. 1 (1776).

Ucayali (*Bartlett*).

Mus. S. G. & D.

4. *P. ASTYOCHÉ*, Erichs. (*Hæt. a.*) Schomb. Reisen, iii. p. 599 (1848).

Ucayali (*Bartlett*).

Mus. S. G.

5. *P. LENA*, Linn. (*Pap. l.*) Syst. Nat. i. 2. p. 784 (1767).

Ucayali and Yurimaguas (*Bartlett*).

Mus. S. G. & D.

"Very common."—*E. B.*

6. *P. HORTONA*, Hew. Trans. Ent. Soc. ser. 2, ii. p. 246, t. 23. f. 1 (1854).

Ucayali, Huallaga, and Yurimaguas (*Bartlett*).

Mus. S. G. & D.

"Very common."—*E. B.*

Genus *ANCHIPHLEBIA*, Hübn.

A. TAYGETINA, Butl. Cat. Sat. B. M. p. 107, t. 5. f. 2 (1868).

Ucayali (*Bartlett*).

Mus. S. G.

"Rare; found in the dense forest."—*E. B.*

Genus ANTIRRHŒA, Hübn.

A. PHILOPEMEN, Feld. Wien. ent. Mon. vi. p. 425 (1862).

Pozuzo (*Pearce*).

Mus. S. G.

Genus ORESSINOMA, Westw.

1. O. TYPHLA, Doubl. & Hew. Gen. Diurn. Lep. t. 62. f. 5 (1851).

Valley of the Cosnipata (*H. Whitely*).

Mus. S. G.

Huiro, ad alt. 4800 ped., valley of Santana (*H. Whitely*).

Mus. D.

2. O. SORATA, Salv. & Godm. Ann. Nat. Hist. ser. 4, vol. ii. p. 144 (1868).

Huasampilla (*H. Whitely*).

Mus. D.

One specimen only.

Genus EUPTYCHIA, Hübn.

1. E. HESIONE, Sulz. (*Pap. h.*) Gesch. Ins. p. 144, t. 17. f. 3, 4 (1776).Muña (*Pearce*).

Mus. S. G.

Ucayali (*Bartlett*).

Mus. S. G. & D.

"Common; found about flowers on the banks of rivers and open ground."—*E. B.*2. E. OCYPETE, Fab. (*Pap. o.*) Gen. Ins. p. 260 (1777).

Peru.

Mus. D.

3. E. CAMERTA, Cram. (*Pap. c.*) Pap. Exot. iv. t. 295. f. F (1782).Nauta (*Bartlett*).

Mus. D.

"Common about the banks of rivers."—*E. B.*

4. E. ERIGONE, Butl. P. Z. S. 1866, p. 466, t. 39. f. 5.

Ucayali (*Bartlett*).

Mus. D.

"Found in shady footpaths near villages."—*E. B.*5. E. LIBYE, Linn. (*Pap. l.*) Syst. Nat. i. 2. p. 772 (1767).Valley of Cosnipata (*H. Whitely*).

Mus. D.

6. E. RUSTICA, Butl. Cat. Sat. B. M. p. 32, t. 1. f. 4 (1868).

Muña (*Pearce*).

Mus. S. G.

7. E. HIEMALIS, Butl. P. Z. S. 1866, p. 494.

Ucayali (*Bartlett*).

Mus. S. G.

Genus LYMANOPODA, Westw.

1. L. FERRUGINOSA, Butl. Cat. Sat. B. M. p. 169, t. 4. f. 3 (1868).

Valley of the Cosnipata (*H. Whitely*).

Mus. S. G.

Huasampilla (*H. Whitely*).

Mus. D.

2. *L. VENOSA*, Butl. Cat. Sat. B. M. p. 171, t. 4. f. 5 (1868).
 Valley of the Cosnipata (*H. Whitely*). Mus. S. G.
 Huasampilla (*H. Whitely*). Mus. D.
3. *L. ACRÆIDA*, Butl. Cat. Sat. B. M. p. 171, t. 4. f. 6 (1868).
 Pozzuzo (*Pearce*). Mus. S. G.
 Huasampilla (*Whitely*). Mus. D.
4. *L. OCELLIFERA*, Butl. Ann. Nat. Hist. 1873, xii. p. 219.
 Huasampilla (*H. Whitely*). Mus. D.
5. *L. RUBESCENS*, Butl. Ann. Nat. Hist. 1873, xii. p. 219.
 Huasampilla (*H. Whitely*). Mus. D.

Genus *STEROMA*, Westw.

1. *S. ANDENSIS*, Feld. Reise Nov. Lep. iii. p. 475 (1867).
 Peru. Mus. D.
2. *S. BEYA*, Doub. Hew. Gen. D. L. t. 66. f. 6 (1851).
 Huiro, valley of Santana (*H. Whitely*). Mus. D.
3. *S. UMBRACINA*, Butl. Ann. Nat. Hist. 1873, xii. p. 221.
 Huasampilla (*H. Whitely*). Mus. D.
4. *S. SUPERBA*, Butl. Cat. Sat. B. M. p. 172, t. 5. f. 6 (1868).
 Huasampilla (*H. Whitely*). Mus. D.

Genus *PEDALIODES*, Butl.

1. *P. PANCIS*, Hew. (*Pronophila p.*) Trans. Ent. Soc. ser. 3, vol. i. p. 8, t. 4. f. 26, 27 (1862).
 Muña (*Pearce*). Mus. S. G.
 Huasampilla (*H. Whitely*). Mus. D.
2. *P. ANGULARIS*, Butl. Cat. Sat. B. M. p. 176, t. 4. f. 7 (1868).
 Peru. Mus. D.
3. *P. PALLANTIAS*, Hew. (*Pron. p.*) Exot. Butt. v. *Pron.* viii. f. 51, 59 (1874).
 Muña (*Pearce*). Mus. S. G.
4. *P. PORINA*, Hew. Trans. Ent. Soc. ser. 3, vol. i. p. 9, t. 4. f. 28 (1862).
 Muña (*Pearce*). Mus. S. G.
 Huiro, valley of Santana (*H. Whitely*). Mus. D.
 One specimen only.

5. *P. ZOIPPUS*, n. sp. (Plate XVIII. fig. 1.)

Upperside brown; anterior wing darkest in the middle; posterior wing with the inner margin and the anal angle rufous brown. Underside the same as above; posterior wing with several very in-

distinct white dots near the outer margin, and a submarginal dark brown line.

Exp. $1\frac{3}{4}$ inch.

Peru.

Mus. D.

Genus OXEOSCHISTUS, Butl.

O. PRONAX, Hew. (*Pron. p.*) Exot. Butt. ii. *Pron. t.* 2. f. 10, 11 (1860).

Pozzuzo (*Pearce*).

Mus. S. G.

Huio, valley of Santana (*H. Whitely*).

Mus. D.

Genus LASIOPHILA, Feld.

1. *L. CIRTA*, Feld. Wien. ent. Mon. iii. p. 336, t. 6. f. 1 (1859).

Muña (*Pearce*).

Mus. S. G.

2. *L. ORBIFERA*, Butl. Cat. Sat. B. M. p. 182, t. 5. f. 6.

Huasampilla (*H. Whitely*).

Mus. D.

3. *L. PHALÆSIA*, Hew. (*Pron. p.*) Exot. Butt. iv. *Pron. t.* 3. f. 13, 14 (1868).

Valley of Cosnipata (*H. Whitely*).

Mus. D.

Genus DÆDALMA, Hew.

D. WHITELYI, n. sp. (Plate XVII. figs. 6 & 7.)

Upperside dark brown; both wings crossed parallel to and near the outer margin by a row of white spots. Underside very like *D. dorinda*, Feld., without so much of the white on the posterior wing; better figured than described.

Exp. $3\frac{1}{4}$ inches.

Huasampilla, ad alt. 10,000 ped. (*H. Whitely*).

Mus. D.

The largest described species of *Dædalma*, and very distinct on the upperside.

Genus PRONOPHILA, Westw.

1. *P. THELEBE*, Doubl. & Hew. Gen. D. L. t. 60. f. 3 (1851).

Valley of Cosnipata (*H. Whitely*).

Mus. D.

2. *P. VARIABILIS*, Butl. Ann. Nat. Hist. 1873, p. 223.

Huasampilla (*H. Whitely*).

Mus. D.

3. *P. CORDILLERA*, Westw. Gen. D. L. p. 358, note (1851).

Peru.

Mus. D.

Genus TAYGETIS, Hübn.

1. *T. CHRYSOGONE*, Doubl. & Hew. Gen. D. L. t. 4 (1851).

Pozzuzo (*Pearce*).

Mus. S. G.

2. *T. MERMERIA*, Cram. (*Pap. m.*) Pap. Exot. i. t. 96. f. B (1779).

Yurimaguas (*Bartlett*).

Mus. D.

"Common in the low parts of the dense forest."—*E. B.*

3. *T. THAMYRA*, Cram. (*Pap. t.*) *Pap. Exot.* iii. t. 242. f. B (1782).
Ucayali (*Bartlett*). Mus. D.
"A common species on the Ucayali."—*E. B.*
4. *T. PENELEA*, Cram. (*Pap. p.*) *Pap. Exot.* ii. t. 101. f. G (1779).
Yurimaguas (*Bartlett*). Mus. D.
5. *T. MARPESSA*, Hew. (*Debis? m.*) *Exot. Butt.* iii. *Deb.* t. 1.
f. 2 (1862).
Nauta (*Bartlett*). Mus. D.

Genus *CORADES*, Doubl. & Hew.

1. *C. IDUNA*, Hew. *Ann. Nat. Hist.* ser. 2, vol. vi. p. 437 (1850).
Muña (*Pearce*). Mus. S. G.
Huasampilla (*H. Whitely*). Mus. D.
2. *C. PANNONIA*, Hew. *Ann. Nat. Hist.* ser. 2, vol. vi. p. 438,
t. 10. f. 1 (1850).
Peru. Mus. D.
3. *C. ULEMA*, Hew. *Ann. Nat. Hist.* ser. 2, vol. vi. p. 438, t. 10.
f. 3 (1850).
Muña (*Pearce*). Mus. S. G.
4. *C. CISTENE*, Hew. *Exot. Butt.* iii. *Cor.* t. 1. f. 4, 5 (1863).
Muña (*Pearce*). Mus. S. G.
Huasampilla (*H. Whitely*). Mus. D.
5. *C. FUSCIPLAGA*, Butl. *Ann. Nat. Hist.* 1873, xii. p. 224.
Huasampilla (*H. Whitely*). Mus. D.
6. *C. FULMINALIS*, Butl. *Cist. Ent.* p. 26 (1870).
Peru. Mus. D.

Genus *BIA*, Hübn.

- B. ACTORION*, Linn. (*Pap. a.*) *Syst. Nat.* i. 2. p. 794 (1767).
Valley of Cosnipata (*H. Whitely*). Mus. S. G.
Ucayali (*Bartlett*). Mus. D.
"Common in low moist places in the dense forest upon rotten
fruit" &c.—*E. B.*

Subfamily 4. *MORPHINÆ*, Butl.Genus *MORPHO*, Fabr.

1. *M. AURORA*, Westw. *Gen. D. L.* p. 339. n. 9, note (1851).
Huasampilla (*H. Whitely*). Mus. D.
2. *M. ZEPHYRITIS*, Butl. *Lepidoptera Exot.* pl. 56. f. 3, 4, p. 156
(1873).
Paucartambo (*H. Whitely*). Type, Mus. D.
Mr. Whitely has only obtained a single specimen of this beautiful
species; it is one of the finest things sent home by him.

3. *M. LAMPHARIS*, Butl. Ann. Nat. Hist. ser. 4, vol. xii. p. 225 ;
Lep. Exot. pl. 56. f. 1, 2, p. 156 (1873).

Huasampilla (*H. Whitely*).

This I think a good species, though closely allied to *M. sulkowskyi*.
Mr. Hewitson has lately received specimens sent by Mr. Buckley
from Bolivia.

4. *M. CÆRULEUS*, Perry, Arcana (1811).

M. didus, Hoff. Stett. ent. Zeit. 1874, p. 355.

Peru (*Dr. Staudinger*).

Mus. D.

Very distinct from *M. menelaus*, Linn., with which Mr. Kirby
places it. I have seen many examples.

5. *M. ALEXANDROVNA*, Druce, Trans. Ent. Soc. 1874, p. 155.

Huasampilla (*H. Whitely*).

Mus. D.

One specimen only.

6. *M. ACHILLES*, Linn. (*Pap. a.*) Mus. Ulr. p. 211 (1874).

Pozzuzo (*Pearce*).

Mus. S. G.

Chamicuros (*Bartlett*).

Mus. D.

"Found in the dense forest."—*E. B.*

7. *M. HELENOR*, Cram. Pap. Ex. i. t. 86. f. A, B (1779).

Pozzuzo (*Pearce*).

Mus. S. G.

8. *M. PATROCLUS*, Feld. Wien. ent. Mon. v. p. 110. n. 105 (1861).

M. papirius, Hopff. Stett. ent. Zeit. 1874, p. 356.

Pozzuzo (*Pearce*).

Mus. S. G.

Peru (*Dr. Staudinger*).

Mus. D.

Subfamily 5. BRASOLINÆ, Bates.

Genus OPSIPHANES, Westw.

1. *O. CASSLÆ*, Linn. (*Pap. c.*) Mus. Ulr. p. 265 (1764).

Valley of Cosnipata (*H. Whitely*).

Mus. S. G.

2. *O. XANTHUS*, Linn. (*Pap. x.*) *l. c.* p. 276.

Ucayali (*Bartlett*).

Genus CALIGO, Hübn.

1. *C. IDOMENEUS*, Linn. (*Pap. i.*) Mus. Ulr. p. 213 (1764).

Ucayali (*Bartlett*).

Mus. S. G.

"In the dense forest."—*E. B.*

2. *C. EUPHORBUS*, Feld. (*Pavonia e.*) Wien. ent. Mon. vi. p. 123
(1862).

Ucayali (*Bartlett*).

Mus. S. G.

3. *C. DENTINA*, Druce, Trans. Ent. Soc. 1874, p. 155.

Valley of Cosnipata (*H. Whitely*).

Type, Mus. D.

Subfamily 6. ACRÆINÆ, Bates.

Genus ACRÆA, Fabr.

1. *A. ANTEAS*, Hew. Gen. D. L. t. 18. f. 5 (1848).
Peru (*Dr. Staudinger*). Mus. D.
2. *A. TERPSINÆ*, Feld. Wien. ent. Mon. vi. p. 78. n. 63 (1862).
Valley of Cosnipata (*H. Whitely*). Mus. S. G. & D.
3. *A. LAVERNA*, Doubl. & Hew. Gen. D. L. t. 18. f. 4 (1848).
Huiro, valley of the Santana (*H. Whitely*). Mus. D.
4. *A. GRISEATA*, Butl. Cist. Ent. i. p. 170. n. 49 (1873).
Valley of Cosnipata (*H. Whitely*). Mus. S. G.
5. *A. MUCIA*, Hopff. Stett. ent. Zeit. 1874, p. 346.
Peru (*Dr. Staudinger*). Mus. D.
6. *A. NICYLLA*, Hopff. *l. c.* p. 346.
Peru (*Dr. Staudinger*). Mus. D.
7. *A. CALLIANIRA*, Hübn. Zutr. ex. Schmett. f. 845, p. 846
(1837).
Pozzuzo (*Pearce*). Mus. S. G.
Huiro, valley of the Santana (*H. Whitely*). Mus. D.
8. *A. ERINOME*, Feld. Wien. ent. Mon. v. p. 101 (1861).
Valley of Cosnipata (*H. Whitely*). Mus. S. G.
Huasampilla and Hiro, valley of Santana (*H. Whitely*). Mus. D.
9. *A. RADIATA*, Hew. Ex. Butt. iv. *Acræa*, t. 6. f. 39-41 (1868).
Valley of Cosnipata (*H. Whitely*). Mus. D.
10. *A. ABANA*, Hew. Exot. Butt. iv. *Acræa*, t. 6. f. 35, 36 (1868).
Pozzuzo (*Pearce*). Mus. S. G.

Subfamily 7. HELICONINÆ, Butt.

Genus HELICONIUS, Latr.

1. *H. ZOBEIDE*, Butt. Ann. Nat. Hist. ser. 4. vol. iii. p. 18, t. 9.
f. 3 (1869).
Ucayali (*Bartlett*). Type, Mus. D.
"Found upon flowers near villages."—*E. B.*
2. *H. CLYTIA*, Cram. (*Pap. c.*) Pap. Exot. i. t. 66. f. C. D (1779).
Ucayali (*Bartlett*). Mus. D.
3. *H. RHEA*, Cram. (*Pap. r.*) Pap. Exot. i. t. 54. f. C, D (1779).
Nauta and Ucayali (*Bartlett*). Mus. D.
Pozzuzo (*Pearce*). Mus. S. G.
"Found on the banks of rivers, very common."—*E. B.*

4. *H. LEUCADIA*, Bates, T. L. S. xxiii. p. 556 (1862).
Yurimaguas (*Bartlett*). Mus. D.
5. *H. PERUVIANA*, Feld. Wien. ent. Mon. iii. p. 396 (1859).
Peru. Mus. D.
6. *H. DORIS*, Linn. (*Pap. d.*) Mant. Plant. p. 536 (1771).
Santa Cruz (*Bartlett*). Mus. D.
"Not common."—*E. B.*
7. *H. MELPOMENE*, Linn. (*Pap. m.*) Mus. Ulr. p. 232 (1764).
Valley of Santana (*H. Whitely*), one specimen only; Ucayali
(*Bartlett*); rare in Peru (*E. B.*) Mus. D.
8. *H. THELXIOPE*, Hübn. Samml. ex. Schmett. (1806-16).
Upper Ucayali (*Bartlett*). Mus. S. G.
"Not common; found about flowers near the villages."—*E. B.*
9. *H. AGLAOPE*, Feld. Wien. ent. Mon. vi. p. 79. n. 67 (1862).
Pozuzo (*Pearce*); Ucayali (*Bartlett*). Mus. S. G.
10. *H. BARTLETTI*, n. sp. (Plate XVIII. fig. 2.)
Upperside (*male*) black; anterior wing with the base orange-red,
crossed beyond the middle by a band of light yellow, from the costal
margin to near the outer margin the band is broken and crossed by
the nervules, which are black; posterior wing black, brownish on the
costal margin, an orange-red streak in the cell, and six between the
abdominal margin and the middle of the wing. Underside as above,
with less red at the base of the anterior wing; abdomen black, the
sides spotted with yellow. *Female* the same as the male, with all
the orange-red markings wider, and a marginal row of small white
spots on the underside of the posterior wing.
Exp. ♂ 2 $\frac{3}{4}$ inches, ♀ 3 inches.
Santa Cruz (*Bartlett*). Mus. D.
Valley of Cosnipata (*H. Whitely*). Mus. S. G.
This species is allied to *Xanthocles*, Bates, a Demerara species,
but quite distinct.
11. *H. ESTELLA*, Bates, Trans. Linn. Soc. xxiii. p. 650 (1862).
Ucayali (*Bartlett*). Mus. S. G.
12. *H. XENOCLEA*, Hew. Ex. Butt. i. *Helic.* t. 1. f. 1 (1852).
Peru (*Dr. Staudinger*). Mus. D.
13. *H. TELESIPHE*, Doubl. & Hew. Gen. D. L. t. 15. f. 2 (1847).
Huasampilla and Huiro, valley of Santana (*H. Whitely*). Mus. D.
14. *H. ARISTONA*, Hew. Exot. Butt. i. *Helic.* t. 1. f. 4 (1852).
Ucayali (*Bartlett*). Mus. D.
Pozuzo (*Pearce*). Mus. S. G.

15. *H. SISYPHUS*, Salv. Ann. Nat. Hist. ser. 4. vol. vii. p. 413.
Valley of Cosnipata (*H. Whitely*). Type, Mus. S. G. & D.
16. *H. AURORA*, Bates, Trans. Linn. Soc. xxiii. p. 555 (1862).
Sarayacu, on the Upper Ucayali (*Bartlett*). Mus. D.
"Rare, found on the footpaths in the forest."—*E. B.*
17. *H. ARCUELLA*, Druce, Trans. Ent. Soc. 1874, p. 156.
Yurimaguas (*Bartlett*). Type, Mus. D.

Genus *EUEIDES*, Hübn.

1. *E. HELICONIOIDES*, Feld. Wien. ent. Mon. v. p. 102 (1861).
Valley of Cosnipata (*H. Whitely*). Mus. S. G.
2. *E. UNIFASCIATUS*, Butl. Syst. Ent. vol. i. p. 169. n. 46 (1873).
Valley of Cosnipata (*H. Whitely*). Mus. S. G.
3. *E. LYBIA*, Fabr. (*Pap. l.*) Syst. Ent. p. 460. n. 73 (1775).
Ucayali (*Bartlett*). Mus. D.
"Not common; flies about the villages."—*E. B.*
4. *E. ALIPHERA*, Godt. (*Ceth. a.*) Enc. Méth. ix. p. 246 (1819).
Santa Cruz, on the Huallaga (*Bartlett*). Mus. D.
Huiro, valley of Santana (*H. Whitely*). Mus. D.
"Plentiful about the villages."—*E. B.*
5. *E. ISABELLA*, Cram. (*Pap. i.*) Pap. Ex. iv. t. 350. f. C, D (1782).
Nauta and Upper Ucayali (*Bartlett*). Mus. D.
Valley of Cosnipata (*H. Whitely*). Mus. S. G.
"Rare; found about the banks of rivers."—*E. B.*

Subfamily 8. *NYMPHALINÆ*, Bates.Genus *COLÆNIS*, Hübn.

1. *C. DIDO*, Linn. (*Pap. d.*) Syst. Nat. i. 2. p. 782 (1767).
Valley of Cosnipata (*H. Whitely*). Mus. S. G. & D.
Nauta (*Bartlett*). Mus. D.
"Not common."—*E. B.*
2. *C. TELESIPHE*, Hew. Trans. Ent. Soc. ser. 3, vol. v. p. 564
(1867).
Pozuzo (*Pearce*). Mus. S. G.
Valley of Cosnipata and Huiro, valley of Santana (*H. Whitely*).
Mus. D.
3. *C. PHERUSA*, Linn. (*Pap. p.*) Mus. Ulr. p. 293 (1764).
Ucayali (*Bartlett*). Mus. D.
"Found on flowers about the villages."—*E. B.*

4. *C. JULIA*, Fab. (*Pap. j.*) Syst. Ent. p. 509 (1775).

Cosnipata valley (*H. Whitely*).

Mus. S. G. & D.

Ucayali (*Bartlett*).

Mus. D.

"Common about the villages and on the mud-banks of the rivers."—*E. B.*

Genus *AGRAULIS*, Boisd.

1. *A. JUNO*, Cram. (*Pap. j.*) Pap. Exot. iii. 215. f. B, C (1782).

Pozzuzo (*Pearce*); valley of Cosnipata (*H. Whitely*).

Mus. S. G.

Ucayali (*Bartlett*).

Mus. D.

"Not common."—*E. B.*

2. *A. LUCINA*, Feld. Wien. ent. Mon. vi. p. 110 (1872).

Yurimaguas (*Bartlett*).

Mus. D.

"Scarce."—*E. B.*

3. *A. MONETA*, Hübn. Samml. exot. Schmett. (1816–24).

Huiro, valley of Santana (*H. Whitely*).

Mus. D.

4. *A. GLYCERA*, Feld. Wien. ent. Mon. v. p. 102 (1861).

Pozzuzo (*Pearce*).

Mus. S. G.

Genus *ERESIA*, Boisd.

1. *E. ELEPHLEA*, Hew. Ex. Butt. iv. p. 102 (1861).

Valley of Cosnipata (*H. Whitely*).

Mus. S. G.

2. *E. ANIETA*, Hew. Ex. Butt. iii. *Eres.* t. 6. f. 33, 34 (1864).

Pozzuzo (*Pearce*).

Mus. S. G.

3. *E. PUSILLA*, Salv. Ann. Nat. Hist. ser. 4, vol. iv. p. 172 (1869).

Valley of Cosnipata (*H. Whitely*).

Mus. S. G.

4. *E. PHÆDIMA*, Salv. Ann. Nat. Hist. ser. 4, vol. ii. p. 146 (1868).

Pozzuzo (*Pearce*).

Mus. S. G. & D.

5. *E. THOMIOLA*, Salv. Ann. Nat. Hist. ser. 4, p. 171 (1869).

Valley of Cosnipata (*H. Whitely*).

Mus. S. G. & D.

6. *E. PERILLA*, Hew. Exot. Butt. i. *Eres.* t. 1. f. 4 (1852).

Yurimaguas (*Bartlett*) and valley of Cosnipata (*H. Whitely*).

Mus. D.

7. *E. ACRÆINA*, Hew. Ex. Butt. iii. *Eres.* t. 3. f. 15 (1864).

Valley of Cosnipata (*H. Whitely*).

Mus. S. G. & D.

8. *E. MUNDINA*, n. sp. (Plate XVIII. fig. 4.)

Upperside dark brown; anterior wing crossed beyond the middle by a broad red band. Underside: anterior wing, the base black, a red streak along the costal margin to the end of the cell, and a red band the same as above, the apex brownish white, crossed by the

black nervules; posterior wing brownish white, all the nervules black.

Exp. $1\frac{3}{4}$ inch.

Huuro, valley of Santana (*H. Whitely*).

Mus. D.

A most curious species, precisely like *Acræa erinome*, Feld., with which the single specimen sent by Mr. Whitely was mixed.

9. *E. ACTINOTE*, Salv. Ann. Nat. Hist. ser. 4, vol. iv. p. 171 (1869).

Valley of Cosnipata (*H. Whitely*).

Mus. S. G.

10. *E. POLINA*, Hew. Exot. Butt. i. *Eres*. t. 7. f. 6 (1852).

Valley of Cosnipata (*H. Whitely*).

Mus. S. G.

11. *E. ANGUSTA*, Hew. Ex. Butt. iv. *Eres*. t. 7. f. 58, 59 (1868).

Valley of Cosnipata (*H. Whitely*).

Mus. S. G.

12. *E. NAUPLIA*, Linn. (*Pap. n.*) Mus. Ulr. p. 309 (1764).

Nauta (*Bartlett*).

Mus. D.

"Found in the moist parts of the forest."—*E. B.*

13. *E. CLARA*, Bates, Journ. Ent. ii. p. 192 (1864).

Ucayali (*Bartlett*).

Mus. S. G. & D.

"Found in the moist parts of the forest."—*E. B.*

14. *E. NANA*, Druce, Trans. Ent. Soc. 1874, p. 156.

Valley of Cosnipata, and Huuro, valley of Santana (*H. Whitely*).

Mus. D.

15. *E. NUSSIA*, n. sp. (Plate XVIII. fig. 5.)

Upperside dark brown; anterior wing with two white spots, one on the costal margin near the apex, the other below, nearest the anal angle; posterior wing powdered with ochraceous yellow, the outer margin dentated, and crossed beyond the middle with three ochreous bands. Underside the same as *E. nana*.

Exp. $1\frac{1}{2}$ inch.

Peru.

Mus. D.

16. *E. PEARCEI*, n. sp. (Plate XVIII. fig. 3.)

Upperside dark brown; anterior wing crossed beyond the middle from the costal margin to the inner margin by three broken bands of orange spots; posterior wing crossed in the middle by a wide orange-coloured band. Underside pale yellow, slightly speckled with brown.

Exp. 1 inch.

Pozzuzo (*Pearce*).

Mus. S. G.

A beautiful little species, and very distinct from any other.

Genus SYNCHLOË, Doubl.

S. SAUNDERSII, Doubl. & Hew. Gen. D. L. t. 24. f. 2 (1847).

Pozzuzo (*Pearce*).

Mus. S. G.

Genus EUREMA, Doubl.

1. E. KEFERSTEINII, Doubl. & Hew. Gen. D. L. t. 24. f. 4 (1847).
Valley of Cosnipata (*H. Whitely*). Mus. S. G. & D.
2. E. DIONE, Latr. (*Fan. d.*) Humb. Bonpl. Obs. Zool. ii. p. 87,
t. 37. f. 1, 2 (1811-19).
Pozzuco (*Pearce*). Mus. S. G.
Valley of Cosnipata, and Huiro, valley of the Santana (*H.*
Whitely). Mus. D.

Genus JUNONIA, Hübn.

- J. LAVINIA, Cram. (*Pap. l.*) Pap. Ex. i. t. 21. f. C, D (1775).
Nauta and Ucayali (*Bartlett*); Huiro, valley of Santana (*H.*
Whitely). Mus. D.
"This species may be found basking in the sun all day long upon
a red flower that grows about the villages and river-banks."—*E. B.*

Genus ANARTIA, Hübn.

1. A. JATROPHÆ, Linn. Mus. Ulr. p. 289 (1764).
Nauta and Upper Ucayali (*Bartlett*). Mus. S. G. & D.
"Very common, always to be seen about flowers in open places
in the forest."—*E. B.*
2. A. AMALTHEA, Linn. (*Pap. a.*) Mus. Ulr. p. 288 (1764).
Nauta and Yurimaguas (*Bartlett*). Mus. D.
"Very common."—*E. B.*

Genus CYBDELIS, Boisd.

1. C. DIOTIMA, Hew. Exot. Butt. i. *Cybd.* t. 2. f. 8, 9 (1852).
Valley of Cosnipata (*H. Whitely*). Mus. D.
Huiro, valley of Santana (*H. Whitely*). Mus. D.
2. C. CECIDA, Hew. Ex. Butt. iv. *Cybd.* t. 4. f. 26, 27 (1869).
Lima. Mus. D.
3. C. WHITELYI, Butl. Ann. Nat. Hist. 1873, xii. p. 226.
Huasampilla (*H. Whitely*). Mus. D.
4. C. THRASYLLA, Feld. Wien. ent. Mon. iii. p. 397 (1859).
Huasampilla (*H. Whitely*). Mus. D.

Genus EUNICA, Hübn.

1. E. MYGDONIA, Godt. (*Nymph. m.*) Enc. Méth. ix. p. 416
(1823).
Nauta (*Bartlett*). Mus. D.
Cosnipata valley (*H. Whitely*). Mus. D.
"Found about the banks of rivers."—*E. B.*
2. E. TITHONIA, Feld. (*Faunia t.*) Reise Nov. Lep. iii. pp. 407,
613, t. 52. f. 6-8 (1867).
Chyabetes (*Bartlett*). Mus. D.

3. E. CINARA Hew. (*Cybd. c.*) Exot. Butt. i. *Cybd. t. 1. f. 2* (1852).
 Santa Cruz and Huallaga (*Bartlett*). Mus. D.
 Valley of Cosnipata (*H. Whitely*). Mus. S. G.
4. E. CELMA, Hew. (*Cybd. c.*) Exot. Butt. i. *Cybd. t. 1 f. 3* (1852).
 Huallaga (*Bartlett*). Mus. S. G.
 Found on the forest footpaths near the river.
5. E. BECHINA, Hew. (*Cybd. b.*) Exot. Butt. i. *Cybd. t. 2. f. 10* (1852).
 Valley of Cosnipata (*H. Whitely*). Mus. S. G.
6. E. ELEGANS, Salv. Ann. Nat. Hist. ser. 4, vol. iv. p. 173 (1869).
 Valley of Cosnipata (*H. Whitely*). Mus. S. G. & D.
7. E. CARIAS, Hew. (*Cybd. c.*) Exot. Butt. ii. *Cybd. t. 3. f. 21, 22* (1857).
 Valley of Cosnipata (*H. Whitely*). Mus. S. G. & D.
8. E. TENEBROSA, Salv. Ann. Nat. Hist. ser. 4, vol. iv. p. 173 (1869).
 Pozuzo (*Pearce*). Mus. S. G.
9. E. BRUNNEA, Salv. Ann. Nat. Hist. ser. 4, vol. iv. p. 174 (1869).
 Valley of Cosnipata (*H. Whitely*). Mus. S. G. & E.
10. E. CARALIS, Hew. (*Pap. c.*) Exot. Butt. ii. *Cybd. t. 3. f. 18, 19* (1857).
 Valley of Cosnipata (*H. Whitely*). Mus. S. G.
11. E. CLYTIA, Hew. (*Cybd. c.*) Exot. Butt. i. *Cybd. t. 1. f. 5, 6* (1852).
 Valley of Cosnipata (*H. Whitely*). Mus. S. G. & D.
12. E. ORPHISE, Cram. (*Pap. o.*) Pap. Ex. i. t. 42. f. E, F (1776).
 Valley of Cosnipata (*H. Whitely*). Mus. S. G.
13. E. POMONA, Feld. (*Faun. p.*) Reise Nov. Lep. iii. p. 407, t. 52. f. 11, 12 (1867).
 Valley of Cosnipata (*H. Whitely*). Mus. S. G.
14. E. EUROTA, Cram. (*Pap. e.*) Pap. Ex. ii. t. 136. f. C, D (1775).
 Huallaga (*Bartlett*). Mus. S. G.
15. E. AMELIA, Cram. (*Pap. a.*) Pap. Exot. ii. t. 136. f. B, C (1779).
 Huallaga (*Bartlett*). Mus. S. G.

16. *E. NORICA*, Hew. (*Cybd. n.*) Exot. Butt. i. *Cybd.* t. 2. f. 13 (1852).

Valley of Cosnipata (*H. Whitely*). Mus. S. G. & D.

17. *E. CHLOROCHROA*, Salv. Ann. Nat. Hist. ser. 4, vol. iv. p. 172 (1869).

Valley of Cosnipata (*H. Whitely*). Mus. S. G.

“The species of this genus are found about the mud-banks of rivers and open forest-streams, also on the footpaths in the forest and near villages.”—*E. B.*

Genus EPIPHILE, Doubl.

1. *E. IBLIS*, Feld. Wien. ent. Mon. v. p. 105 (1861).

Pozzuzo (*Pearce*); valley of Cosnipata (*H. Whitely*). Mus. S. G.

2. *E. LAMPETHUSA*, Doubl. & Hew. Gen. D. L. t. 27. f. 3 (1848).

Valley of Cosnipata (*H. Whitely*). Mus. S. G.

Genus EPICALIA, West.

E. NUMILIA, Cr. (*Pap. n.*) Pap. Exot. ii. t. 81. f. E, F (1779).

Pozzuzo (*Pearce*); valley of Cosnipata (*H. Whitely*). Mus. S. G.

Genus TEMENIS, Hübn.

1. *T. ARIADNE*, Cram. (*Pap. a.*) Pap. Exot. ii. t. 180. f. E, F (1779).

Ucayali (*Bartlett*); Pozzuzo (*Pearce*). Mus. S. G.

Chyavetos (*Bartlett*). Mus. D.

“Found upon leaves and flowers in the footpaths of the dense forest.”—*E. B.*

2. *T. PULCHRA*, Hew. (*Paromia p.*) Exot. Butt. ii. *Epiphile*, t. 2. f. 1, 2. (1861).

Pozzuzo (*Pearce*). Mus. S. G.

The specimens of this species from Pozzuzo differ much from the typical form by not having the black band on the underside of the anterior wing, its larger size, and brighter colour. I at first thought it a distinct species; but upon comparison with the specimens in the British Museum, I find that they have a specimen clearly intermediate between the two forms.

Genus EUBAGIS, Boisd.

1. *E. MÆON*, Doubl. & Hew. Gen. D. L. t. 30. f. 1 (1849).

Yurimaguas (*Bartlett*). Mus. D.

2. *E. GISELLA*, Hew. Exot. Butt. ii. *Eub.* t. 11. f. 11, 12 (1859).

Yurimaguas (*Bartlett*); valley of Cosnipata (*H. Whitely*). Mus. D.

3. *E. INES*, Godt. (*Nymphalis i.*) Enc. Méth. ix. p. 421 (1823).

Huiro, valley of Santana (*H. Whitely*). Mus. D.

4. *E. SERINA*, Fabr. (*Pap. s.*) Syst. Ent. p. 497 (1775).

Ucayali (*Bartlett*).

Mus. S. G.

5. *E. SALPENSA*, Feld. Wien. ent. Mon. vi. p. 113 (1862).

Pozzuzo (*Pearce*); valley of Cosnipata (*H. Whitely*). Mus. S. G.

6. *E. RACIDULA*, Hew. Exot. Butt. i. *Eub.* t. 1. f. 2, 3 (1852).

Ucayali (*Bartlett*).

Mus. S. G.

"The species of this genus are always to be seen flying about the river-banks feeding upon rotten fruit" &c.—*E. B.*

Genus CALLICORE, Hübn.

1. *C. ELUINA*, Hew. (*Cat. e.*) Ex. Butt. i. t. 4. f. 30, 31 (1854).

Huasampilla, and Huiro, valley of Santana (*H. Whitely*).

Mus. D.

2. *C. CLYMENA*, Cram. (*Pap. c.*) Pap. Ex. i. t. 24. f. E, F (1775).

Pozzuzo (*Pearce*).

Mus. S. G.

Ucayali (*Bartlett*).

Mus. D.

"Found on the mud-banks of the rivers upon decayed fruit."—

E. B.

3. *C. NEGLECTA*, Salv. Ann. Nat. Hist. ser. 4, vol. iv. p. 176 (1869).

Pozzuzo (*Pearce*); valley of Cosnipata (*H. Whitely*). Mus. S. G.

4. *C. LIDWINA*, Feld. Wien. ent. Mon. vi. p. 114 (1862).

Pozzuzo (*Pearce*).

Mus. S. G.

Valley of Cosnipata (*H. Whitely*).

Mus. D.

Genus PERISAMA, Doubl.

1. *P. OPPELII*, Latr. (*Erycina o.*) Humb. Bonpl. Obs. Zool. i. p. 237, t. 24. f. 1, 5 (1811?).

Valley of Cosnipata (*H. Whitely*).

Mus. D.

2. *P. XANTHICA*, Hew. (*Cat. x.*) Exot. Butt. iv. *Cat.* t. 11. f. 75, 76 (1868).

Peru (*Dr. Staudinger*).

Mus. D.

Pozzuzo (*Pearce*).

Mus. S. G.

3. *P. MORONA*, Hew. (*Cat. m.*) Ex. Butt. iv. *Cat.* t. 12. f. 93, 94 (1868).

Huasampilla (*H. Whitely*).

Mus. D.

Valley of Cosnipata (*H. Whitely*).

Mus. S. G.

4. *P. HILARA*, Salv. Ann. Nat. Hist. ser. 4, vol. iv. p. 175 (1869).

Valley of Cosnipata, and Huiro, valley of Santana (*H. Whitely*).

Mus. D.

5. *P. VANINKA*, Hew. (*Cat. v.*) Ex. Butt. i. *Cat. t.* 4. f. 32, 33 (1854).

Valley of Cosnipata and valley of Santana (*H. Whitely*).

Mus. S. G. & D.

6. *P. JURINEI*, Guenée, Lépid. du Mus. de Genève, p. 28. n. 36, pl. 1. f. 6.

Valley of Cosnipata (*H. Whitely*).

Mus. D.

7. *P. CANOMA*, Druce, Trans. Ent. Soc. 1874, p. 156.

Huasampilla (*H. Whitely*).

Type, Mus. D.

Valley of Cosnipata (*H. Whitely*).

Mus. S. G.

8. *P. RHODOPTERA*, Butl. Cist. Ent. vol. i. p. 162 (1873).

Huiro, valley of Santana (*H. Whitely*).

Mus. D.

9. *P. CAMELITA*, Hew. (*Cat. c.*) Exot. Butt. vol. v. *Cat. t.* 13. f. 99, 100 (1876).

Huiro, valley of Santana (*H. Whitely*).

Mus. D.

10. *P. COMNENA*, Hew. (*Cat. c.*) Exot. Butt. iv. *Cat. t.* 2. f. 77, 78 (1868).

Valley of Cosnipata and Huasampilla (*H. Whitely*).

Mus. D.

11. *P. OCHRIPENNIS*, Butl. Cist. Ent. i. p. 161 (1873).

Huasampilla and valley of Cosnipata (*H. Whitely*).

Mus. S. G. & D.

12. *P. TRISTRIGOSA*, Butl. Syst. Ent. vol. i. p. 161 (1873).

Valley of Cosnipata (*H. Whitely*).

Mus. D. & S. G.

Huiro, valley of Santana (*H. Whitely*).

Mus. D.

13. *P. CHASEBA*, Hew. (*Cat. c.*) Exot. Butt. *Cat. t.* 5. f. 34, 35 (1855).

Valley of Cosnipata, and Huiro, valley of Santana (*H. Whitely*).

Mus. D.

Pozzuzo (*Pearce*).

Mus. S. G.

14. *P. CALAMIS*, Hew. (*Cybd. c.*) Exot. Butt. iv. *Cybd. t.* 4. f. 23, 24 (1869).

Valley of Cosnipata (*H. Whitely*).

Mus. S. G. & D.

Genus CATAGRAMMA, Boisd.

1. *C. ÆGINA*, Feld. Wien. ent. Mon. v. p. 107 (1861).

Valley of Cosnipata (*H. Whitely*).

Mus. S. G. & D.

2. *C. ZELPHANTA*, Hew. Ex. Butt. ii. *Cat. t.* 8. f. 58, 59 (1858).

Pozzuzo (*Pearce*).

Mus. S. G.

3. *C. PASITHEA*, Hew. Exot. Butt. iii. *Cat. t. 10. f. 73, 74* (1864).
 Ucayali (*Bartlett*); Pozzuzo (*Pearce*). Mus. S. G.
 Valley of Cosnipata (*H. Whitely*). Mus. D.
4. *C. FELDERI*, Hew. Exot. Butt. iii. *Cat. t. 10. f. 68, 69* (1874);
N. Cat. t. 12. f. 96 (1868). Mus. S. G.
 Pozzuzo (*Pearce*).
5. *C. EXCELSIOR*, Hew. Exot. Butt. ii. *Cat. t. 7. f. 49, 50, t. 9. f. 64* (1858).
 Peru. Mus. D.
6. *C. PERISTERA*, Hew. Exot. Butt. i. *Cat. t. 2. f. 15-17* (1853).
 Huallaga (*Bartlett*); Pozzuzo (*Pearce*). Mus. S. G.
7. *C. CONOSURA*, Doubl. & Hew. Gen. D. L. t. 28. f. 2 (1847).
 Peru. Mus. D.

Genus *CALLITHEA*, Boisd.

1. *C. DEGANDII*, Hew. Exot. Butt. ii. *Call. t. 2. f. 6-8* (1858).
 Ucayali (*Bartlett*). Mus. D.
2. *C. WHITELYI*, Salvin, Ann. Nat. Hist. ser. 4, vol. iv. p. 179 (1869).
 Valley of Cosnipata (*H. Whitely*). Mus. S. G. & D.
 Huasampilla (*H. Whitely*). Mus. D.
3. *C. DEPUSETI*, Feld. (*Cyane, d.*) Wien. ent. Mon. v. 107 (1861).
 Valley of Cosnipata (*H. Whitely*). Mus. S. G. & D.
4. *C. OPTIMA*, Butl. Lep. Ex. i. p. 12, t. 5. f. 1, 2 (1869).
 Santa Cruz (*Bartlett*). Mus. D. & S. G.
 "The species of this genus are found associating with *Catagramma*
 upon the mud-banks of the rivers, feeding upon rotten fruit" &c.—
E. B.

Genus *CALLIZONA*, Doubl.

- C. FULVESCENS*, Butl. Cist. Ent. vol. i. p. 162 (1873).
 Pozzuzo (*Pearce*). Mus. S. G.

Genus *PANDORA*, Westw.

1. *P. PROLA*, Doubl. & Hew. Gen. D. L. t. 43. f. 5 (1850).
 Valley of Cosnipata (*H. Whitely*). Mus. S. G.
 Chamicuros (*Bartlett*). Mus. D.
2. *P. REGINA*, Bates, Journ. Ent. ii. p. 213 (1864).
 Pozzuzo (*Pearce*), and valley of Cosnipata (*H. Whitely*).
 Mus. S. G.
 Ucayali (*Bartlett*). Mus. D.
 "These beautiful Butterflies delight in sitting flat against the walls
 of houses and on the steep clay banks of the rivers; they were very
 abundant."—*E. B.*

Genus GYNÆCIA, Doubl.

G. DIRCE, Linn. (*Pap. d.*) Mus. Ulr. p. 287 (1764).

Ucayali (*Bartlett*).

Mus. D.

“Found on the forest footpaths about the leaves of bushes and flowers.”—*E. B.*

Genus AGERONIA, Hübn.

1. A. CHLOË, Stoll (*Pap. c.*) Supp. Cram. t. 5. f. 1, 1 α (1787).

Ucayali (*Bartlett*).

Mus. S. G.

2. A. FERENTINA, Godt. (*Nymp. f.*) Enc. Méth. ix. p. 428 (1823).

Huiro, valley of Santana (*H. Whitely*).

Mus. D.

3. A. FERONIA, Linn. (*Pap. f.*) Mus. Ulr. p. 283 (1764).

Ucayali (*Bartlett*).

Mus. D.

4. A. FORNAX, Hübn. Samml. ex. Schmett. (1816–24); Doubl. Hew. Gen. D. L. t. 10. f. 1 (1847).

Valley of Cosnipata (*H. Whitely*).

Mus. S. G.

5. A. AMPHINOME, Linn. (*Pap. a.*) Syst. Nat. i. 2. p. 779 (1767).

Valley of Cosnipata (*H. Whitely*).

Mus. S. G. & D.

“The species of this genus are found on the bark of the trees which are covered with grey moss, to which they assimilate, usually near villages on the forest foot-paths.”—*E. B.*

Genus DIDONIS, Fabr.

1. D. AGANISA, Boisd. Sp. Gén. i. t. 9. f. 7 (1836).

Ucayali (*Bartlett*).

Mus. S. G.

2. D. BIBLIS, Fabr. (*Pap. b.*) Syst. Ent. p. 505 (1775).

Ucayali (*Bartlett*).

Mus. D.

Genus OLINA, Westw.

O. OZECA, Doubl. & Hew. Gen. D. L. p. 407, t. 31. f. 31 (1848).

Valley of Cosnipata (*H. Whitely*).

Mus. S. G.

Genus PYRRHOGYRA, Hübn.

1. P. NEËREA, Linn. (*Pap. n.*) Mus. Ulr. p. 297 (1764).

Pozzuzo (*Pearce*).

Mus. S. G.

Valley of Cosnipata (*H. Whitely*).

Mus. D.

2. P. LYSANIAS, Feld. Wien. ent. Mon. vi. p. 115 (1862).

Pozzuzo (*Pearce*).

Mus. S. G.

Genus TIMETES, Westw.

1. T. CORESIA, Godt. (*Nymph. c.*) Enc. Méth. ix. p. 359 (1823).

Pozzuzo (*Pearce*).

Mus. S. G.

Valley of Cosnipata (*H. Whitely*).

Mus. D.

2. *T. NORICA*, Hew. Exot. Butt. i. *Tim.* t. 1. f. 3, 4 (1852).
Ucayali (*Bartlett*). Mus. S. G. & D.
3. *T. EGINA*, Bates, Journ. Ent. ii. p. 329, t. 10. f. 1 (1865).
Ucayali (*Bartlett*). Mus. D.
4. *T. TUTELINA*, Hew. Exot. Butt. i. *Tim.* t. 1. f. 5 (1852).
Santa Cruz (*Bartlett*). Mus. S. G.
Yurimaguas (*Bartlett*). Mus. D.
5. *T. LIVIUS*, Kirb. (*T. berania*, Hew.) Exot. Butt. i. t. 1. f. 2
(1852); Staud. Verh. zool.-bot. Ges. 1875, p. 104.
Valley of Cosnipata (*H. Whitely*). Mus. S. G.
6. *T. CRETHON*, Fabr. (*Pap. c.*) Gen. Ins. p. 252 (1777).
Ucayali (*Bartlett*). Mus. D.
Valley of Cosnipata (*H. Whitely*). Mus. S. G.
7. *T. CORINNA*, Latr. (*Van. c.*) Humb. Bonpl. Obs. Zool. ii. p. 84,
t. 36. f. 5, 6 (1819).
Pozuzo (*Pearce*). Mus. S. G.
Huuro, valley of Santana (*H. Whitely*). Mus. D.
8. *T. MARCELLA*, Feld. Wien. ent. Mon. v. p. 108 (1861).
Pozuzo (*Pearce*). Mus. S. G.
9. *T. HERMIONE*, Feld. *l. c.* p. 97.
Pozuzo (*Pearce*). Mus. S. G.
Ucayali (*Bartlett*). Mus. S. G. & D.
- "One or other species of this genus was to be found in nearly all the localities I visited, on the mud-banks of the rivers and streams, feeding upon decayed fruit" &c.—*E. B.*

Genus VICTORINA, Blanch.

1. *V. STENELES*, Linn. (*Pap. s.*) Mus. Ulr. p. 218 (1764).
Pozuzo (*Pearce*). Mus. S. G.
2. *V. EPAPHUS*, Latr. (*Van. e.*) Humb. & Bonpl. Obs. Zool. ii.
p. 74, t. 35. f. 3, 4 (1811-19).
Valley of Cosnipata (*H. Whitely*); Yurimaguas (*Bartlett*).
Mus. D.
Pozuzo (*Pearce*). Mus. S. G.
"Found on the mud-banks."—*E. B.*
3. *V. SULPITIA*, Cram. (*Pap. s.*) Pap. Exot. iv. t. 328, f. A, B
(1782).
Pozuzo (*Pearce*); valley of Cosnipata (*H. Whitely*). Mus. S. G.
Nauta (*Bartlett*). Mus. D.
"Found about the footpaths of the forest on the leaves of bushes"
&c.—*E. B.*

Genus *HETEROCHROA*, Boisd.

1. *H. IPHICLA*, Linn. (*Pap. i.*) Mus. Ulr. p. 311 (1764).
Nauta and Yurimaguas (*Bartlett*). Mus. D.
2. *H. CALLIPHICLEA*, Butl. Cat. Fabr. p. 58. n. 5 (1870).
Valley of Cosnipata (*H. Whitely*). Mus. S. G.
Differs slightly from the type in the orange spot above.
3. *H. EROSLA*, Hew. Ann. Nat. Hist. xx. p. 259, t. 20. f. 3 (1847).
Yurimaguas (*Bartlett*). Mus. D.
Pozzuzo (*Pearce*), and valley of Cosnipata (*H. Whitely*).
Mus. S. G.
4. *H. XIMENA*, Feld. Wien. ent. Mon. vi. p. 116 (1862).
Pozzuzo (*Pearce*). Mus. S. G.
5. *H. ARICIA*, Hew. Ann. Nat. Hist. xx. p. 263, t. 21. f. 11 (1847).
Valley of Cosnipata (*H. Whitely*). Mus. D.
6. *H. CYTHEREA*, Linn. (*Pap. c.*) Mus. Ulr. p. 305 (1764).
Ucayali and Yurimaguas (*Bartlett*). Mus. S. G. & D.
7. *H. BOREAS*, Butl. P. Z. S. 1865, p. 668. f. 2.
Valley of Cosnipata (*H. Whitely*). Mus. D.
8. *H. ALALA*, Hew. Ann. Nat. Hist. xx. p. 261, t. 21. f. 8 (1847).
Valley of Cosnipata (*H. Whitely*). Mus. S. G. & D.
Huiro, valley of Santana (*H. Whitely*). Mus. D.
9. *H. TIZONA*, Feld. Reise Nov. Lep. iii. p. 424 (1867).
Valley of Cosnipata (*H. Whitely*). Mus. S. G.
10. *H. LARA*, Hew. Ann. Nat. Hist. ser. 2, vol. vi. p. 437, t. 9.
f. 8 (1850).
Pozzuzo (*Pearce*). Mus. S. G.
11. *H. MESENTINA*, Cram. (*Pap. m.*) Pap. Ex. ii. t. 162. f. B, C
(1779).
Huallaga (*Bartlett*). Mus. S. G.
"These Butterflies I found on the leaves and flowers in the foot-
paths of the dense forest.—*E. B.*

Genus *APATURA*, Fabr.

1. *A. CYANE*, Latr. (*Nymph. c.*) Humb. Bonpl. Obs. Zool. ii. p. 82,
t. 36. f. 3, 4 (1811-23).
Pozzuzo (*Pearce*), and valley of Cosnipata (*H. Whitely*).
Mus. S. G.
2. *A. PAVONII*, Latr. (*Nymp. p.*) Humb. Bonpl. Obs. Zool. i. p.
197, t. 18. f. 34 (1811?).
Nauta (*Bartlett*). Mus. D.
"Found on the walls of houses and bushes in villages."—*E. B.*

3. A. AGATHINA, Cram. (*Pap. a.*) *Pap. Exot.* ii. t. 167. f. E, F (1782).

Ucayali (*Bartlett*). Mus. S. G.

Valley of Cosnipata (*H. Whitely*). Mus. D.

"Found about the villages and plantations of plantains, on the ripe fruit and decayed vegetable matter."—*E. B.*

4. A. ELIS, Feld. Wien. ent. Mon. v. p. 109. n. 100 (1861).

Pozuzo (*Pearce*), and valley of Cosnipata (*H. Whitely*).

Mus. S. G.

Huasampilla (*H. Whitely*). Mus. D.

5. A. SELINA, Bates, Journ. Ent. ii. p. 334. n. 139 (1865).

Sarayacu (*Bartlett*).

Mus. D.

"Very rare, found about the villages."—*E. B.*

6. A. LINDA, Feld. Wien. ent. Mon. vi. p. 117. n. 119 (1862).

Valley of Cosnipata (*H. Whitely*).

Mus. S. G.

7. A. GRISELDIS, Feld. Wien. ent. Mon. vi. p. 117. n. 120 (1862).

Nauta and Sarayacu (*Bartlett*).

Mus. D.

8. A. LUCASH, Doubl. & Hew. Gen. D. L. t. 45. f. 2 (1850).

Huasampilla (*H. Whitely*).

Mus. D.

9. A. CHERUTINA, Feld. Reise Nov. Lep. iii. p. 435 (1867).

Pozuzo (*Pearce*), and valley of Cosnipata (*H. Whitely*).

Mus. S. G.

10. A. LAVINIA, Butl. (*Chlorippe l.*) *P. Z. S.* 1866, p. 39, t. 3. f. 1.

Valley of Cosnipata (*H. Whitely*).

Mus. S. G. & D.

11. A. ZUNILDA, Godt. (*Nymp. z.*) *Enc. Méth.* ix. p. 377 (1823).

Pozuzo (*Pearce*).

Mus. S. G.

"The species of this genus prefer the villages on account of the different kinds of fruit that are cultivated in and about them, also for the refuse which the Indians throw away."—*E. B.*

Genus AGANISTHOS, Boisd.

1. A. ORION, Fabr. (*Pap. o.*) *Syst. Ent.* p. 485 (1775).

Chyavitas (*Bartlett*).

Mus. D.

Valley of Cosnipata.

Mus. S. G. & D.

"About the borders of the dense forest."—*E. B.*

2. A. ACHERONTA, Fabr. (*Pap. a.*) *Syst. Ent.* p. 501 (1775).

Nauta (*Bartlett*).

Mus. D.

Valley of Cosnipata (*H. Whitely*).

Mus. S. G.

"Very common, in some places on the mud-banks I found these insects in patches of hundreds together, feeding upon the rotten fruit" &c.—*E. B.*

Genus PREPONA, Boisd.

1. P. LAERTES, Hübn. Samml. ex. Schmett. (1806-16).
Valley of Cosnipata (*H. Whitely*). Mus. S. G.
2. P. MEANDER, Cram. (*Pap. m.*) Pap. Exot. i. t. 12. f. A, B (1775).
Chamicuras (*Bartlett*). Mus. D.
"Very rare, found in the forest footpaths."—*E. B.*
3. P. LYCOMEDAS, Cram. (*Pap. l.*) Pap. Ex. ii. t. 158. f. D (1779).
Pozzuzo (*Pearce*). Mus. S. G.
4. P. PRENESTE, Hew. Exot. Butt. ii. *Prep.* t. 2. f. 7, 8 (1859).
Pozzuzo (*Pearce*). Mus. S. G.

Genus AGRIAS, Doubl.

- A. SARDANAPALUS, Bates, Proc. Ent. Soc. ser. 2, vol. v. p. 111 (1860).
Valley of Cosnipata (*H. Whitely*). Mus. S. G.
Peru (*Dr. Staudinger*). Mus. D.

Genus SMYRNA, Hübn.

- S. BLOMFIELDIA, Fabr. (*Pap. b.*) Spec. Ins. ii. p. 84 (1781).
Valley of Cosnipata (*H. Whitely*). Mus. S. G.

Genus MEGISTANIS, Westw.

1. M. BÆOTUS, Doubl. Hew. Gen. D. L. t. 48. f. 2 (1850).
Valley of Cosnipata (*H. Whitely*). Mus. S. G. & D.
2. M. DEUCALION, Feld. Wien. ent. Mon. iv. p. 238 (1860).
Chamicuras (*Bartlett*). Mus. D.
"Plentiful about mud-banks."—*E. B.*

Genus HYPNA, Hübn.

- H. CLYTEMNESTRA, Cram. (*Pap. c.*) Pap. Exot. ii. t. 137. f. A B (1779), iv. t. 364. f. A, B.
Pozzuzo (*Pearce*). Mus. S. G.

Genus PAPHIA, Fabr.

1. P. EURYPHYLE, Feld. (*Nymp. e.*) Wien. ent. Mon. vi. p. 119 (1862).
Pozzuzo (*Pearce*). Mus. D.
2. P. PHIDILE, Hübn. Zutr. exot. Schmett. f. 905, 906 (1837).
Ucayali (*Bartlett*). Mus. D.
"Found about the river-banks and villages."—*E. B.*
3. P. ERYTHEMA, Bates, Journ. Ent. ii. p. 342 (1865).
Valley of Cosnipata (*H. Whitely*). Mus. S. G.

4. *P. CHRYSOPHANA*, Bates, Ent. Mo. Mag. iii. p. 152 (1866).
Yurimaguas (*Bartlett*). Mus. D.
5. *P. NESSUS*, Latr. (*Nymp. n.*) Humb. Bonp. Obs. Zool. ii. p. 76,
t. 35. f. 5, 6 (1811-23).
Valley of Cosnipata (*H. Whitely*). Mus. S. G. & D.
6. *P. TYRIANTHINA*, Salv. & Godm. Ann. Nat. Hist. ser. 4, vol. ii.
p. 148. n. 17 (1868).
Huasampilla (*H. Whitely*). Mus. D.
7. *P. GLYCERIUM*, Doubl. & Hew. Gen. D. L. t. 50. f. 1 (1850).
Nauta (*Bartlett*). Mus. D.
8. *P. XENOCLES*, Westw. Gen. D. L. p. 319. n. 11, note (1850).
Huasampilla (*H. Whitely*). Mus. D.
9. *P. XENOCRATES*, Westw. *l. c.* n. 13.
Valley of Cosnipata (*H. Whitely*). Mus. S. G. & D.
10. *P. MORVUS*, Fabr. (*Pap. m.*) Syst. Ent. p. 484 (1775).
Nauta (*Bartlett*). Mus. D.
11. *P. GLAUCE*, Feld. (*Nymp. g.*) Wien. ent. Mon. vi. p. 119
(1862).
Valley of Cosnipata (*H. Whitely*). Mus. S. G. & D.
12. *P. PHANTES*, Hoff. Stett. ent. Zeit. 1874, p. 353. n. 57.
Peru (*Dr. Staudinger*). Mus. D.
A very distinct species.
13. *P. ALBERTA*, n. sp. (Plate XVIII. fig. 6.)
Upperside blue-black; anterior wing with the base, a large spot
crossing the wing at the apex, and two smaller spots near the anal
angle, greyish blue; posterior wing thickly irrorated with greyish
blue. Underside glossy brown, thickly speckled with dark and light
brown markings.
Exp. $2\frac{3}{4}$ inches.
Peru. Mus. D.
14. *P. CYANEA*, Salv. & Godm. Ann. Nat. Hist. ser. 4, vol. ii. p.
148 (1868).
Valley of Cosnipata (*H. Whitely*). Mus. S. G.
15. *P. APPIAS*, Hübn. (*Cor. a.*) Samml. exot. Schmett. (1816-41).
Ucayali (*Bartlett*). Mus. S. G.
"The species of this genus are generally found about the river-
banks, near villages and forest-streams."—*E. B.*

Genus *SIDERONE*, Hübn.

S. THEBAIS, Feld. Wien. ent. Mon. vi. p. 422 (1862).

Valley of Cosnipata (*H. Whitely*). Mus. S. G.

The specimen differs slightly from Felder's type by having the red band of the posterior wing broken into spots.

Genus *PROTOGONIUS*, Hübn.

P. CECROPS, Doubl., var. *ÆQUATORIALIS*, Butl. P. Z. S. 1875, p. 35, pl. v. f. i.

Valley of Cosnipata (*H. Whitely*). Mus. S. G.

The specimen differs from the variety named by Mr. Butler by wanting the yellow spots near the outer margin of the anterior wing, and would, without doubt, be considered a distinct species by some; but I should be very sorry to describe it, not having yet seen any two specimens alike.

Family II. *LEMONIIDÆ*.Subfamily I. *LIBYTHEINÆ*, Bates.Genus *LIBYTHEA*, Fabr.

L. CARINENTA, Cram. (*Pap. c.*) Pap. Exot. ii. t. 108. f. E, F (1782).

Ucayali (*Bartlett*). Mus. D.

"Found in the forest footpaths."—*E. B.*

Family III. *ERYCINIDÆ*.Subfamily I. *NEMEOBIINÆ*, Bates.Genus *EURYBIA*, Hübn.

1. *E. SALOME*, Cram. (*Pap. s.*) Pap. Exot. i. t. 12. f. G, H (1775).

Ucayali (*Bartlett*). Mus. S. G.

2. *E. DARDUS*, Fabr. (*Pap. d.*) Mant. Ins. ii. p. 30 (1787).

Nauta and Lower Ucayali (*Bartlett*). Mus. D.

"Common in the dense forest upon dead leaves and rubbish."—*E. B.*

3. *E. DONNA*, Feld. Wien. ent. Mon. vi. p. 410 (1862).

Pozzuzo (*Pearce*). Mus. S. G.

The specimen from Peru differs slightly in the width of the red of the posterior wing, and the black spots being smaller than they are in the Bogota specimens in my collection.

4. *E. LAMIA*, Cram. (*Pap. l.*) Pap. Exot. ii. t. 150. f. C (1779).

Pozzuzo (*Pearce*). Mus. S. G.

5. *E. HALIMEDE*, Hübn. (*Lim. subt. h.*) Samml. ex. Schmett. (1806-16).

Ucayali (*Bartlett*). Mus. S. G.

Genus Meseomia, Hübn.

1. *M. ULRICA*, Cram. (*Pap. u.*) *Pap. Exot.* ii. t. 100. f. E, F (1782).
 Pozuzo (*Pearce*). Mus. S. G.
 Nauta (*Bartlett*). Mus. D.
 "Found in the forest footpaths."—*E. B.*
2. *M. JUDICALIS*, Butl. *Trans. Ent. Soc.* 1874, p. 430.
 Ucayali (*Bartlett*). Type, Mus. D.

Subfamily 2. Eurygoninæ, Bates.

Genus Eurygona, Boisd.

- E. EUTYCHUS*, Hew. *Exot. Butt.* t. 5. f. 44-46 (1856).
 Encayali (*Bartlett*); Pozuzo (*Pearce*). Mus. S. G.
 "In the dense forest."—*E. B.*

Subfamily 3. Erycininæ, Bates.

Genus Thermone, Westw.

- T. PAIS*, Hübn. (*Helio p.*) *Samml. ex. Schmett.* (1816-41).
 Pozuzo (*Pearce*). Mus. S. G.

Genus Nothene, Westw.

- N. EUMEUS*, Fabr. (*Pap. e.*) *Spec. Ins.* ii. p. 63 (1781).
 Nauta (*Bartlett*). Mus. D.

Genus Panara, Westw.

- P. PHERECLUS*, Linn. *Syst. Nat.* i. 2. pp. 792, 248 (1767).
 Ucayali (*Bartlett*). Mus. S. G.

Genus Lymnas, Blanch.

- L. ZOEGA*, Hew. *Exot. Butt.* i. *Lim.* t. 1. f. 2 (1852).
 Pozuzo (*Pearce*). Mus. S. G.
 This species varies much in the width of the orange border of the hind wings.

Genus Lyropteryx, Westw.

- L. APPOLLONIA*, Westw. *Gen. Diurn. Lep.* p. 433. n. 1, note, t. 72.
 f. 1 (1851).
 Valley of Cosnipata (*H. Whitely*). Mus. D. & S. G.
 Pozuzo (*Pearce*). Mus. S. G.

Genus Necyria, Westw.

- I. N. SAUNDERSII*, Hew. (*Eryc. s.*) *Trans. Ent. Soc.* ser. 2, ii.
 p. 245, t. 22. f. 1 (1854).
 Pozuzo (*Pearce*). Mus. S. G.

2. N. WHITELYANA, Druce, Trans. Ent. Soc. 1874, p. 159.

Huasampilla (*H. Whitely*).

Type, Mus. D.

Valley of Cosnipata (*H. Whitely*).

Mus. S. G.

Genus ERYCINA, Fab.

1. E. MELIBŒUS, Fabr. (*Pap. m.*) Gen. Ins. p. 271 (1777).

Pozzuzo (*Pearce*).

Mus. S. G.

Yurimaguas (*Bartlett*).

Mus. D.

"On mud-banks and forest footpaths."—*E. B.*

2. E. AULESTES, Cram. (*Pap. a.*) Pap. Exot. ii. t. 128. f. G (1779).

Ucayali (*Bartlett*).

Mus. S. G.

3. E. COLUBRA, Saund. Trans. Ent. Soc. ser. 2, v. p. 103, t. 11. f. 12 (1859).

Valley of the Cosnipata (*H. Whitely*).

Mus. S. G.

Genus DIORHINA, Morisse.

1. D. PERIANDER, Cram. (*Pap. p.*) Pap. Exot. ii. t. 188. f. C (1779).

Valley of Cosnipata (*H. Whitely*).

Mus. S. G.

Ucayali (*Bartlett*).

Mus. D.

"On mud-banks and forest footpaths."—*E. B.*

2. D. PSECAS, Saund. Trans. Ent. Soc. v. p. 219, t. 20. f. 4, 4 a (1849).

Ucayali (*Bartlett*).

Mus. D.

Genus ZEONIA, Swains.

Z. SYLPHINA, Bates, Journ. Linn. Soc. Zool. ix. p. 383 (1868).

Valley of Cosnipata (*H. Whitely*).

Mus. S. G. & D.

Differs from the type in having the crimson streak along the abdominal margin bright orange.

Genus ITHOMEIS, Bates.

I. MIMICA, Bates, Trans. Linn. Soc. xxiii. p. 542, note, n. 4 (1862).

Sarayacu (*Bartlett*).

Mus. S. G.

Genus CHAMELIMNAS, Feld.

C. BRIOLA, Bates, Journ. Linn. Soc. Zool. ix. p. 379 (1868).

Ucayali (*Bartlett*).

Mus. D.

"Forest footpaths."—*E. B.*

Genus ORESTIA, Feld.

O. VITULA, Hew. (*Limnas v.*) Exot. Butt. i. *Lim.* t. 1. f. 5 (1852).

Yurimaguas (*Bartlett*).

Mus. D.

"Forest footpaths."—*E. B.*

Genus *SISEME*, Westw.

1. *S. PALLAS*, Latr. (*Eryc. p.*) Humb. Bonpl. Obs. Zool. i. p. 244, t. 24. f. 5, 6 (1811?).

Huasampilla (*H. Whitely*). Mus. D.

2. *S. CAUDALIS*, Bates, Journ. Linn. Soc. Zool. ix. p. 384 (1868).

Huasampilla, and Huiro, valley of the Santana (*H. Whitely*).
Mus. D.

3. *S. LUCILIUS*, Hopff. Stett. ent. Zeit. 1874, p. 363.

Huiro, valley of the Santana (*H. Whitely*). Mus. D.
A very distinct species.

4. *S. MILITARIS*, Hopff. (*Lasia m.*) Stett. ent. Zeit. 1874, p. 365.

S. leculenta, Erschoff.

Peru (*Dr. Staudiger*). Mus. D.

A beautiful species, and very distinct from any that I am acquainted with.

Genus *RIODINA*, Westw.

- R. LYSIPPUS*, Linn. (*Pap. l.*) Mus. Ulr. p. 332 (1764).

Ucayali (*Bartlett*). Mus. D.

Genus *AMARYNTHIS*, Hübn.

- A. MENERIA*, Cram. (*Pap. m.*) Pap. Exot. i. t. 94. f. D, E (1779).

Huallaga and Ucayali (*Bartlett*); Pozzuzo (*Pearce*). Mus. S. G.

Nauta (*Bartlett*). Mus. D.

Genus *ANTEROS*, Hübn.

- A. BRACTEATA*, Hew. Exot. Butt. iii. *Ant.* t. 1. f. 11, 12 (1867).

Ucayali (*Bartlett*). Mus. S. G.

Genus *EMESIS*, Fabr.

- E. MANDANA*, Cram. (*Pap. m.*) Pap. Exot. iii. t. 271. f. E, F (1782).

Pozzuzo (*Pearce*); valley of the Cosnipata (*H. Whitely*).
Mus. S. G.

Genus *CHARIS*, Hübn.

- C. CÆCIAS*, Hew. Exot. Butt. iii. *Char.* t. 1. f. 2 (1866).

Pozzuzo (*Pearce*). Mus. S. G.

Genus *BÆOTIS*, Hübn.

- B. BACÆNIS*, Hew. Exot. Butt. v. *Erycinidæ, Bæot.* f. 1 (1874).

Valley of the Cosnipata (*H. Whitely*). Mus. S. G.

Huiro, valley of the Santana (*H. Whitely*). Mus. D.

Genus LASAIA, Bates.

- L. MERIS, Cram. (*Pap. m.*) Pap. Exot. iv. t. 366. f. B, C (1782).
 Valley of the Cosmpata (*H. Whitely*). Mus. S. G.
 Nauta and Yurimaguas (*Bartlett*). Mus. D.
 "Common about the banks of rivers and villages."—*E. B.*

Genus NYMPHIDIUM, Fabr.

1. N. CARICÆ, Linn. (*Pap. c.*) Mus. Ulr. p. 324 (1764).
 Ucayali (*Bartlett*). Mus. S. G.
2. N. ASCOLIA, Hew. Exot. Butt. i. *Nymph.* t. 1. f. 4 (1852).
 Pozzuzo (*Pearce*). Mus. S. G.
3. N. MELOPE, Hübn. (*Lim. subt. m.*) Samml. ex. Schmett. (1806-1816).
 Ucayali (*Bartlett*). Mus. D.
 "Frequents the forest footpaths."—*E. B.*

Genus URANEIS, Bates.

- U. HYALINA, Butl. Journ. Linn. Soc. Zool. ix. p. 225, t. 6. f. 26 (1867).
 Pozzuzo (*Pearce*). Mus. S. G.

Genus STALACHTIS, Hübn.

1. S. PHLEGIA, Cram. (*Pap. p.*) Pap. Exot. iii. t. 197. f. F, t. 236. f. C (1782).
 Ucayali (*Bartlett*). Mus. S. G.
2. S. CALLIOPE, Linn. (*Pap. c.*) Mus. Ulr. p. 223 (1764).
 Ucayali (*Bartlett*). Mus. S. G.
3. S. EUTERPE, Linn. (*Pap. e.*) Mus. Ulr. p. 226 (1764).
 Nauta and Upper Ucayali (*Bartlett*). Mus. S. G. & D.
 "All the species of *Stalachtis* are found on the forest footpaths."
 —*E. B.*

Family IV. LYCÆNIDÆ, Steph.

Genus LYCÆNA, Fabr.

1. L. HANNO, Stoll (*Pap. h.*) Suppl. Cram. t. 39. f. 2, 2 B (1790).
 Pozzuzo (*Pearce*). Mus. S. G.
2. L. —, sp.?
 Huiro, valley of Santana (*H. Whitely*). Mus. D.
3. L. ΚΟÁ, n. sp. (Plate XVIII. fig. 7.)

Upperside dark violet-blue, with the outer margins brown. Underside pale brown, darkest at the base of the wings; anterior wing with

two white streaks at the end of the cell and two fine white broken lines crossing from the costal margin to the inner margin; posterior wing with a silver-white streak from the base to the apex nearest to the costal margin, a broad white spot beyond the middle nearest the anal angle.

Exp. $\frac{3}{4}$ inch.

Pozuzo (*Pearce*).

Type, Mus. S. G.

A beautiful little species, of which Mr. Pearce only obtained two or three specimens.

Genus THECLA, Fabr.

1. T. LUXURINA, Feld. Reise Nov. Lep. p. 262, t. 32. f. 21, 22 (1865).

Pozuzo (*Pearce*).

Mus. S. G.

2. T. MARSYAS, Linn. (*Pap. m.*) Mus. Ulr. p. 315 (1784).

Pozuzo (*Pearce*).

Mus. S. G.

3. T. GIBBEROSA, Hew. Ill. Diurn. Lep. p. 85, t. 33. f. 48, 49 (1867).

Valley of Cosnipata (*H. Whitely*).

Mus. S. G.

4. T. METON, Cram. (*Pap. m.*) Pap. Exot. iii. t. 201. f. D, E (1782).

Valley of Cosnipata (*H. Whitely*).

Mus. S. G.

5. T. STREPHON, Fabr. (*Pap. s.*) Syst. Ent. p. 522 (1775).

Upper Ucayali (*Bartlett*).

Mus. S. G. & D.

6. T. PAPILAGON, Feld. (*Pseud. p.*) Reise Nov. Lep. ii. p. 249, t. 31. f. 10, 11 (1865).

Huasampilla, ad alt. 10,000 ped. (*H. Whitely*).

Mus. D.

7. T. OCRISIA, Hew. Desc. Lyc. p. 5 (1868); Ill. Diurn. Lep. p. 123, t. 48. f. 235, 236 (1869).

Huiro, valley of Santana (*H. Whitely*).

Mus. D.

One specimen only.

8. T. BEON, Cram. (*Pap. b.*) Pap. Exot. iv. t. 319. f. B, C (1782).

Santa Cruz (*Bartlett*).

Mus. D.

"Forest footpaths."—*E. B.*

Family V. PAPILIONIDÆ.

Subfamily 1. PIERINÆ, Bates*.

Genus PEREUTE, Herr.-Schäff.

1. P. CHAROPS, Boisd. (*Ent. c.*) Sp. Gén. i. p. 407, t. 18. f. 1 (1836).

Pozuzo (*Pearce*).

Mus. S. G.

* I have arranged the *Pierinæ* according to Mr. Butler's paper on that subfamily in 'Cistula Entomologica,' vol. i. pp. 33-58.

2. *P. TELTHUSA*, Hew. (*Eut. t.*) Exot. Butt. ii. *Eut. t.* 1. f. 1, 3 (1860).

Pozzuzo (*Pearce*).

Mus. S. G.

3. *P. CALLINICE*, Feld. (*Eut. c.*) Wien. ent. Mon. v. p. 7, 9 (1861).

Cosnipata (*Whitely*).

Mus. D.

Genus *LEODONTA*, Butl.

L. ZENOBINA, Hopff. Stett. ent. Zeit. 1869, p. 429, 1874, p. 331.

Cosnipata (*Whitely*).

Mus. S. G.

Peru (*Dr. Staudinger*).

Mus. D.

Genus *MYLOTHRIS*, Hübn.

1. *M. PYRRA*, Fabr. (*Pap. p.*) Syst. Ent. p. 464 (1775).

Huallaga (*Bartlett*).

Mus. S. G.

Huasampilla (*H. Whitely*).

Mus. D.

2. *M. LORENA*, Hew. (*Pier. l.*) Exot. Butt. i. *Pier. t.* 1. f. 7 (1852).

Nauta and Upper Ucayali (*Bartlett*).

Mus. D.

"Very common."—*E. B.*

Genus *HESPEROCHARIS*, Felder.

1. *H. NEREIS*, Feld. Reise Nov. Lep. ii. p. 146 (1865).

Cosnipata valley (*Whitely*).

Mus. S. G.

2. *H. NEREINA*, Hopff. Stett. ent. Zeit. 1874, p. 336.

Cosnipata valley (*Whitely*); Peru (*Dr. Staudinger*).

Mus. D.

3. *H. CATAGRAMMA*, Koll. (*Pier. c.*) Denkschr. Akad. Wiss. Wien. math.-nat. Cl. i. p. 361 (1850).

Cosnipata valley (*Whitely*).

Mus. S. G.

Huio, 4800 ft.: valley of the Santana (*Whitely*).

Mus. D.

Genus *CATASTICTA*, Butler.

1. *C. NOTHA*, Luc. (*Eut. n.*) Rev. Zool. 1852, p. 195.

Cosnipata valley (*H. Whitely*).

Mus. D.

2. *C. SISAMNUS*, Fab. (*Pap. s.*) Ent. Syst. iii. 1. p. 44 (1793).

Pozzuzo (*Pearce*) and valley of the Cosnipata (*H. Whitely*).

Mus. S. G.

3. *C. MANCO*, Doub. (*Eut. m.*) Ann. Nat. Hist. ser. 2, i. p. 121 (1848).

Valley of Cosnipata (*H. Whitely*).

Mus. S. G. & D.

Genus SPHÆNOGONA, Butler.

1. *S. SALOME*, Feld. (*I. s.*) Wien. ent. Mon. v. p. 84 (1861).
Valley of Cosnipata (*H. Whitely*). Mus. S. G.

2. *S. CONSTANTIA*, Feld. Reise Nov. Lep. ii. p. 200 (1865).
Huira, 4800 ft. elevation, valley of the Santana (*H. Whitely*).
Mus. D.

Genus TERIAS, Swainson.

1. *T. ALBULA*, Cram. (*Pap. a.*) Pap. Exot. i. t. 27. f. E (1775).
Ucayali (*Bartlett*). Mus. S. G.
Yurimaguas (*Bartlett*). Mus. D.

2. *T. ELATHEA*, Cram. (*Pap. e.*) Pap. Exot. ii. t. 99. f. C, D
(1779).
Valley of Cosnipata (*Whitely*). Mus. D.

3. *T. ÆQUATORIALIS*, Feld. Wien. ent. Mon. v. p. 85 (1861).
Huira, 4800 ft. elevation, valley of Santana (*H. Whitely*).
Mus. D.

The type was from Ecuador.

4. *T. FLAVILLA*, Bates, Journ. Ent. i. p. 241. n. 4 (1861).
Valley of Cosnipata (*H. Whitely*). Mus. S. G.

5. *T. RETICULATA*, Butl. P. Z. S. 1871, p. 539.
Valley of Cosnipata (*H. Whitely*). Mus. S. G.
Huasampilla ad alt. 10,000 ped., Huira ad alt. 4,800 ped., valley
of Santana (*H. Whitely*). Mus. D.

Genus LEPTOPHOBIA, Butler.

1. *L. ELEONE*, Doubl. (*Pier. e.*) Gen. Diurn. Lep. t. 6. f. 6
(1847).
Valley of Cosnipata (*H. Whitely*). Mus. D.

2. *L. CINEREA*, Hew. (*Pier. c.*) Trans. Ent. Soc. ser. 3, v. p. 563
(1847).
Valley of Cosnipata (*H. Whitely*). Mus. S. G.

3. *L. PHILOMA*, Hew. (*Pier. p.*) Equat. Lep. p. 79 (1870).
Pozuzo (*Pearce*). Mus. S. G.

Genus AMYNTHIA, Swainson.

A. MENIPPE, Hübn. Samml. ex. Schmett. (1806-1816).
Ucayali (*Bartlett*). Mus. D.
"Common everywhere."—*E. B.*

Genus CALLIDRYAS, Boisd.

1. *C. EURULE*, Linn. (*Pap. eub.*) Syst. Nat. i. 2. p. 743 (1766).
Ucayali (*Bartlett*). Mus. D.
"Common on the Huallaga and in the whole of East Peru visited
by me"—*E. B.*

2. *C. CIPRIS*, Fab. (*Pap. cip.*) Ent. Syst. iii. 1. p. 212 (1793).
Valley of Cosnipata (*H. Whitely*). Mus. D.
3. *C. RURINA*, Feld. Wien. ent. Mon. v. p. 82 (1861).
Huiro ad alt. 4800 ped., valley of Santana (*H. Whitely*).
Mus. D.
One specimen only.
4. *C. PHILEA*, Linn. (*Pap. ph.*) Syst. Nat. i. 2. p. 764 (1776).
Upper Ucayali (*Bartlett*). Mus. D.
"Not common."—*E. B.*
5. *C. ARGANTE*, Fab. (*Pap. a.*) Syst. Ent. p. 470 (1775).
Upper and Lower Ucayali (*Bartlett*). Mus. S. G. & D.
"Very abundant."—*E. B.*
6. *C. TRITE*, Linn. (*Pap. t.*) Syst. Nat. i. 2. p. 763 (1766).
Upper Ucayali (*Bartlett*). Mus. D.
7. *C. STATIRA*, Cram. (*Pap. s.*) Pap. Exot. ii. t. 120. f. C, D (1779).
Upper and Lower Ucayali (*Bartlett*). Mus. S. G. & D.
"The species of this genus are very abundant at certain seasons;
they may be found by thousands on mud-banks of rivers, mingled
with *Pieris*, *Papilio*, and others."—*E. B.*

Genus PIERIS, Boisd.

1. *P. DEMOPHILE*, Linn. (*Pap. d.*) Syst. Nat. i. 2. p. 761 (1767).
Nauta and Upper Ucayali (*Bartlett*). Mus. D.
2. *P. PISONIS*, Hew. Exot. Butt. ii. t. 6. f. 40, 41 (1861).
Nauta and Upper Ucayali (*Bartlett*). Mus. S. G. & D.
3. *P. DIANA*, Feld. Wien. ent. Mon. v. p. 81 (1861).
Nauta (*Bartlett*). Mus. D.
"*Pieris* is generally distributed over the whole of East Peru; and
some of the species are extremely common on the mud-banks of the
rivers, where they assemble in patches of hundreds together. It is
puzzling to the traveller what becomes of the females. The whole
of the four years I was in Peru I only obtained about six females of
all the species of the genus *Pieris*; the males I collected by hundreds."
—*E. B.*

Genus APPIAS, Hübn.

1. *A. ILAIRE*, Godt. (*Pap. i.*) Enc. Méth. ix. p. 142 (1819).
Nauta (*Bartlett*). Mus. D.
"Very common."—*E. B.*
2. *A. DRUSILLA*, Cram. (*Pap. d.*) Pap. Exot. ii. t. 207. f. C (1779).
Valley of Cosnipata (*H. Whitely*). Mus. D. & S. G.

Genus DAPTONOURA, Butl.

1. *D. PANTOPORIA*, Hübn. (*Myl. p.*) Samml. exot. Schmett. (1816, 1841).

Valley of Cosnipata (*H. Whitely*). Mus. S. G.

2. *D. LEUCANTHE*, Feld. (*Pier. l.*) Wien. ent. Mon. v. p. 82 (1861).

Pozuzo (*Pearce*); Valley of Cosnipata (*H. Whitely*). Mus. S. G.
Huasampilla, ad alt. 10,000 ped. (*H. Whitely*). Mus. D.

Genus SYNCHLOË, Hübn.

S. MONUSTA, Linn. (*Pap. m.*) Mus. Ulr. p. 237 (1764).

Chamicuras (*Bartlett*). Mus. D.

Genus DISMORPHIA, Hübn.

D. NEMESIS, Latr. (*Pier. n.*) Humb. Bonpl. Obs. Zool. ii. p. 78, t. 35. f. 7, 8 (1811-1819).

Huiro, ad alt. 4,800 ped.; valley of Santana (*H. Whitely*).
Mus. D.

Genus MOSCHONEURA, Butl.

1. *M. EUMELIA*, Cram. (*Pap. e.*) Pap. Exot. iii. t. 280. f. D (1782).

Yurimaguas (*Bartlett*). Mus. S. G. & D.

"In low moist parts of the forest, flying with *Ithomia*."—*E. B.*

2. *M. THEUGENIS*, Doubl. (*Lep. t.*) Ann. Nat. Hist. ser. 2, i. p. 124 (1848).

Valley of Cosnipata (*H. Whitely*). Mus. S. G.

Huasampilla (*H. Whitely*). Mus. D.

3. *M. THERMESIA*?, Godt. (*Pier. t.*) Enc. Méth. ix. p. 164 (1819).

Huiro, ad alt. 4800 ped.; valley of Santana (*H. Whitely*).
Mus. D.

4. *M. PENIA*, Hopff. (*Lep. p.*) Stett. ent. Zeit. 1874, p. 334.

Peru (*Dr. Staudinger*). Mus. D.

Valley of Cosnipata (*H. Whitely*). Mus. S. G.

Mr. Salvin's specimen is not so yellow on the underside, but does not differ in any other respect.

Subfamily 2. PAPILIONINÆ, Swains.

Genus PAPILIO, Linn.

1. *P. SESOSTRIS*, Cram. Pap. Exot. iii. t. 211. f. F, G (1782).

Ucayali and Yurimaguas (*Bartlett*). Mus. D.

Valley of Cosnipata (*H. Whitely*). Mus. S. G.

"Very common about the banks of rivers."—*E. B.*

2. *P. CUTORA*, Gray, Cat. Lep. Ins. B. M. i. p. 58, t. 10*. f. 6 (1852).

Ucayali and Huallaga (*Bartlett*). Mus. S. G.

3. *P. ERLACES*, Gray, Cat. Lep. Ins. B. M. i. p. 49, t. 8. f. 9 (1852).

Pozuzo (*Pearce*). Mus. S. G.

4. *P. ÆNEAS*, Linn. Mus. Ulr. p. 197 (1764).

Ucayali (*Bartlett*). Mus. S. G.

5. *P. MADYES*, Doubl. Ann. Nat. Hist. xviii. p. 375 (1846).

Huairo, ad alt. 4800 ped.; valley of Santana (*H. Whitely*).

Mus. D.

One specimen only.

6. *P. POLYDAMAS*, Linn. Mus. Ulr. p. 192 (1764).

Upper Ucayali (*Bartlett*). Mus. S. G.

“Not common; found on the mud-banks of rivers.”—*E. B.*

7. *P. LYCIDAS*, Cram. Pap. Exot. ii. t. 113. f. A (1779).

Huallaga (*Bartlett*). Mus. S. G.

Ucayali (*Bartlett*). Mus. D.

“Rare, about the banks of rivers and forest-streams.”—*E. B.*

8. *P. BELUS*, Cram. Pap. Exot. ii. t. 112. f. A, B (1779).

Valley of Cosnipata (*H. Whitely*). Mus. S. G.

Chamicuras (*Bartlett*). Mus. D.

“Plentiful about river-banks and villages.”—*E. B.*

9. *P. CRASSUS*, Cram. Pap. Exot. ii. t. 112. f. C (1779).

Nauta, Ucayali, and Yurimaguas (*Bartlett*). Mus. D.

Valley of Cosnipata (*H. Whitely*). Mus. S. G.

“Very common about the banks of rivers.”—*E. B.*

10. *P. PAUSANIAS*, Hew. Trans. Ent. Soc. ser. 2, ii. p. 22, t. 6. f. 2 (1852).

Chamicuras (*Bartlett*). Mus. D.

“Not common on the banks of forest-streams.”—*E. B.*

11. *P. DOLICAON*, Cram. Pap. Exot. i. t. 17. f. C, D (1775).

Ucayali (*Bartlett*). Mus. S. G.

12. *P. AUTOSILAUS*, Bates, Trans. Ent. Soc. ser. 2, v. p. 348 (1861).

Ucayali (*Bartlett*). Mus. D.

13. *P. TELESILAUS*, Feld. Verh. zool.-bot. Ges. xiv. pp. 301, 345 (1864).

Ucayali (*Bartlett*). Mus. D.

14. *P. ANDROGEOS*, Cram. Pap. Exot. i. t. 16. f. C, D (1775).
Huasampilla, ad alt. 10,000 ped. (*H. Whitely*). Mus. D.
15. *P. ANCHISIADES*, Esp. Auss. Schmett. t. 13. f. 1, 2 (1785–1798).
Chamicuras and Yurimaguas (*Bartlett*). Mus. D.
Valley of Cosnipata (*H. Whitely*). Mus. S. G.
16. *P. ISIDORUS*, Doubl. Ann. Nat. Hist. xviii. p. 374 (1846).
Pozzuzo (*Pearce*). Mus. S. G.
17. *P. ZAGREUS*, Doubl. Ann. Nat. Hist. xix. p. 174 (1847).
Pozzuzo (*Pearce*). Mus. S. G.
18. *P. CTESIAs*, Feld. Reise Nov. Lep. p. 86, t. 14. f. C, D (1865).
Pozzuzo (*Pearce*); valley of Cosnipata (*H. Whitely*). Mus. S. G.
Ucayali (*Bartlett*); Huasampilla (*H. Whitely*). Mus. D.
19. *P. XANTHOPLEURA*, Salv. & Godm. Ann. Nat. Hist. ser. 4, ii. p. 151 (1868).
Lower Huallaga (*Bartlett*). Mus. S. G.
20. *P. WARSCEWICZII*, Hopff. Stett. ent. Zeit. 1866, p. 29; Hew. Exot. Butt. iv. Pap. t. 10. f. 30 (1869).
Valley of Cosnipata (*H. Whitely*). Mus. D.
“Most of the *Papilios* may be found on the sand- and mud-banks of rivers, some more abundant than others. They congregate by hundreds on the decayed fruit and vegetable matter thrown about by the Indians, and retire to the forest at night, generally sitting on the underside of the leaves of trees.”—*E. B.*

Family VI. HESPERIDÆ, Leach.

Genus THYMELE, Fab.

1. *T. SIMPLICIUS*, Stoll (*Pap. s.*) Supp. Cram. t. 39. f. 6, 6 E (1790).
Ucayali (*Bartlett*). Mus. D.
2. *T. EURYCLES*, Latr. (*Hesp. e.*) Enc. Méth. ix. p. 730. n. 5 (1823).
Ucayali (*Bartlett*). Mus. S. G. & D.
3. *T. ORION*, Cram. (*Pap. o.*) Pap. Exot. ii. t. 155. f. A, B (1779).
Peru (ex *Mus. Saund.*). Mus. D.
4. *T. CATILLUS*, Cram. (*Pap. c.*) Pap. Exot. iii. t. 260. f. F, G (1782).
Pozzuzo (*Pearce*). Mus. S. G.
5. *T. PROTEUS*, Linn. (*Pap. p.*) Mus. Ulr. p. 333 (1764).
Pozzuzo (*Pearce*). Mus. S. G.

6. *T. EXADEUS*, Cram. (*Pap. e.*) Pap. Exot. iii. t. 260. f. C (1782).
Ucayali (*Bartlett*). Mus. D.

Genus *TELEGONUS*, Hübn.

1. *T. RAMUSIS*, Cram. (*Pap. r.*) Pap. Exot. iv. t. 342. f. C (1782).
Pozzuzo (*Pearce*). Mus. S. G.
2. *T. NAXOS*, Hew. (*Eud. n.*) Descr. of Hesp. p. 10 (1867); Exot.
Butt. v. *Eudamus*, t. 3. f. 19 (1875).
Ucayali (*Bartlett*). Mus. S. G.

3. *T. LACYDUS*, n. sp. (Plate XVIII. fig. 10.)
Upperside dark brown, paler on the outer margin of all the wings.
Underside as above, the palpi and underside of the head orange.
Exp. 2 inches.
Ucayali (*Bartlett*). Type, Mus. S. G.
I have a specimen from Villa Nova, on the Amazons.

Genus *THRACIDES*, Hübn.

- T. ARISTOTELES*, Doubl. & Hew. Diurn. Lep. t. 80. f. 2 (1852).
Yurimaguas (*Bartlett*). Mus. D.

Genus *ENTHEUS*, Hübn.

- E. PELEUS*, Linn. (*Pap. p.*) Mus. Ulr. p. 327 (1764).
Ucayali (*Bartlett*). Mus. D.

Genus *OXYNETRA*, Feld.

- O. SEMIHYALINA*, Feld. Wien. ent. Mon. vi. p. 180 (1862); Reise
Nov. Lep. iii. t. 70. f. 9 (1867).
Valley of Cosnipata (*H. Whitely*). Mus. S. G. & D.

Genus *PYRRHOPYGA*, Hübn.

1. *P. THASUS*, Cram. (*Pap. t.*) Pap. Exot. iv. t. 380. f. M, N (1782).
Valley of Cosnipata (*H. Whitely*); Ucayali (*Bartlett*). Mus. D.
2. *P. LEUCOLOMA*, Ersch.
Pozzuzo (*Pearce*). Mus. S. G.
3. *P. ACASTUS*, Cram. (*Pap. a.*) Pap. Exot. i. t. 41. f. C, D (1776).
Ucayali and Yurimaguas (*Bartlett*). Mus. S. G. & D.
4. *P. HADASSA*, Hew. Trans. Ent. Soc. ser. 3, ii. p. 484 (1866).
Valley of Cosnipata (*H. Whitely*). Mus. D.
5. *P. SCYLLA*, Men. Cat. Mus. Pet. Lep. i. p. 95, t. 4. f. 7 (1855).
Pozzuzo (*Pearce*). Mus. S. G.
6. *P. GNETUS*, Fabr. (*Pap. g.*) Spec. Ins. ii. p. 135 (1781).
Yurimaguas (*Bartlett*). Mus. D.
Cosnipata valley (*H. Whitely*). Mus. S. G.

7. *P. PITYUSA*, Hew. Exot. Butt. ii. *Pyr.* t. 2. f. 11 (1875).
Valley of Cosnipata (*H. Whitely*). Mus. S. G. & D.

8. *P. JAMINA*, Butl. Trans. Ent. Soc. 1870, p. 499.
P. zinra, Hew. Exot. Butt. iv. *Pyr.* pl. ii. f. 11 (1871).
Nauta (*Bartlett*). Mus. D.

9. *P. AZETA*, Hew. Trans. Ent. Soc. ser. 3, ii. p. 479 (1866).
Valley of Cosnipata (*H. Whitely*). Mus. S. G. & D.

Genus *MYSCELUS*, Hübn.

1. *M. EPIMACHIA*, Herr.-Schäff. Prod. Syst. Lep. iii. p. 59. n. 13 (1869).

Pozzuzo (*Pearce*). Mus. S. G.
Cosnipata valley (*H. Whitely*). Mus. D.

2. *M. PHORONIS*, Hew. (*Eryc. p.*) Descr. Hesp. p. 1 (1867).
Valley of Cosnipata (*H. Whitely*). Mus. S. G. & D.

Genus *ERYCIDES*. Hübn.

1. *E. PYGMALION*, Cram. (*Pap. p.*) Pap. Exot. iii. t. 245. f. A, B (1782).

Pozzuzo (*Pearce*). Mus. S. G.
Chamicuras (*Bartlett*). Mus. D.

2. *E. CORYTAS?*, Cram. (*Pap. c.*) Pap. Exot. ii. t. 100. f. C (1779).
Nauta (*Bartlett*). Mus. D.

3. *E. ORASUS*, n. sp. (Plate XVIII. fig. 9.)

Upperside glossy black, with the fringe white; the palpi, head, neck, and anus dark red. Underside the same as *E. socrata*, but darker, with the basal half of the posterior wing white.

Exp. $1\frac{7}{8}$ inch.

Valley of Cosnipata (*H. Whitely*), ex *Mus. Saunders*. Mus. D.

4. *E. OREIDES*, Hew. Exot. Butt. v. *Pyrh.* & *Eryc.* f. 32, 35 (1875).

Pozzuzo (*Pearce*). Mus. S. G.

5. *E. CHARONOTIS*, Hew. Desc. Boliv. Butt. p. 21 (1874).
Valley of Cosnipata (*H. Whitely*). Mus. D.

Genus *CARYSTUS*, Hübn.

1. *C. PSITTACINA*, Feld. (*Hesp. p.*) Reise Nov. Lep. iii. p. 518, t. 71. f. 17, 18 (1867).

Valley of Cosnipata (*H. Whitely*). Mus. S. G.

2. *C. SIMULIUS*, n. sp. (Plate XVIII. fig. 8.)

Upperside dark brown; anterior wing crossed beyond the middle

from the costal margin to the inner margin by a band of six small yellow spots; a yellow spot at the end of the cell; posterior wing crossed in the middle by a narrow band from the costal margin to near the anal angle. Underside brown; anterior wing with the base blackish, the spots as above, but larger, some of them running together; posterior wing crossed by a wide white band.

Exp. $1\frac{3}{4}$ inch.

Valley of Cosnipata (*H. Whitely*).

Mus. D.

Allied to *C. xanthaphes*, Hübn., but very distinct.

Genus PYRGUS, Hübn.

1. *P. OMRINA*, Butl. Trans. Ent. Soc. 1870, p. 509.

Pozzuzo (*Pearce*).

Mus. S. G.

Peru.

Type, Mus. D.

2. *P. THESTIA*, Hew. (*Leucoch. t.*) Equat. Lep. p. 77 (1870).

Valley of Cosnipata (*H. Whitely*).

Mus. S. G. & D.

3. *P. SYRECHTUS*, Fab. (*Pap. s.*) Syst. Ent. p. 534 (1775).

Ucayali (*Bartlett*).

Mus. D.

Genus BRONTIADES, Hübn.

B. PROCAS, Cram. (*Pap. p.*) Pap. Exot. ii. t. 179. f. D (1779).

Ucayali (*Bartlett*).

Mus. D.

Genus CARTEROCEPHALUS, Butl.

1. *C. DIMIDIATUS*, Feld. Reise Nov. Lep. iii. p. 522, t. 74. f. 7, 8 (1867).

Valley of Cosnipata (*H. Whitely*).

Mus. S. G. & D.

2. *C. AGATHOCLES*, Feld. *l. c.* f. 16, 17.

Pozzuzo (*Pearce*).

Mus. S. G.

This species varies very much. A specimen in my collection is almost without the orange bands of the posterior wing.

Genus ACHYLODES, Hübn.

1. *A. THRASO*, Hübn. Samml. exot. Schmett. (1806–1816).

Pozzuzo (*Pearce*).

Mus. S. G.

2. *A.* —, sp. ?

Pozzuzo (*Pearce*).

Mus. S. G.

3. *A. BUSIRUS*, Cram. (*Pap. b.*) Pap. Exot. iii. t. 261. f. A–C (1782).

Pozzuzo (*Pearce*).

Mus. S. G.

Nauta (*Bartlett*).

Mus. D.

4. *A. CORBULO*, Cram. (*Pap. c.*) Pap. Exot. iv. t. 354. f. A (1782).

Valley of Cosnipata (*H. Whitely*).

Mus. S. G.

5. A. OZOTES, Butl. Trans. Ent. Soc. 1870, p. 515.
 Pozzuzo (*Pearce*). Mus. S. G.
 Valley of Cosnipata (*H. Whitely*). Mus. D.
6. A. MELANDER, Cram. (*Pap. m.*) Pap. Exot. iii. t. 270. f. H (1782).
 Valley of Cosnipata (*H. Whitely*). Mus. S. G. & D.
7. A. VIRIDICEPS, Butl. Cist. Ent. i. p. 115 (1872).
 Pozzuzo (*Pearce*). Mus. S. G.
8. A. THRASYBULUS, Fab. (*Hesp. t.*) Ent. Syst. iii. 1. p. 346
 (1793).
 Ucayali (*Bartlett*). Mus. D.
9. A. NEARCHUS, Latr. (*Hesp. n.*) Humb. Bonp. Obs. Zool. ii.
 p. 135, t. 43. f. 3, 4 (1811-1823).
 Ucayali and Yurimaguas (*Bartlett*). Mus. S. G. & D.
10. A. —, sp. ? *
 Pozzuzo (*Pearce*). Mus. S. G.
11. A. PAUSUS, Doubl. & Hew. (*Achly. p.*) Gen. Diurn. Lep. t. 80.
 f. 6 (1852).
 Nauta (*Bartlett*). Mus. D.
12. A. —, sp. ? *
 Valley of Cosnipata (*H. Whitely*). Mus. S. G.

Genus HELIAS, Fabr.

H. ALBIPLAGA, Feld. Reise Nov. Lep. iii. p. 531, t. 73. f. 18, 19
 (1867).

Huiro, valley of Santana (*H. Whitely*). Mus. D.

"I found the whole of the *Hesperidae* plentiful throughout East Peru; they are found about the flowers in plantations and villages, as well as sand- and mud-banks of the rivers."—*E. B.*

EXPLANATION OF THE PLATES.

PLATE XVII.

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| Fig. 1. <i>Napeogenes pyrrho</i> , p. 209. | Fig. 4. <i>Ceratinia alexia</i> , p. 207. |
| 2. <i>Ceratinia tigrina</i> , p. 207. | 5. <i>Mechanitis ortygia</i> , p. 208. |
| 3. <i>Melinae chincha</i> , p. 211. | 6 & 7. <i>Dædalma whitelyi</i> , p. 215. |

PLATE XVIII.

- | | |
|---|---|
| Fig. 1. <i>Pedaliodes zoippus</i> , p. 214. | Fig. 6. <i>Paphia alberta</i> , p. 234. |
| 2. <i>Heliconius bartletti</i> , p. 219. | 7. <i>Lycæna koá</i> , p. 239. |
| 3. <i>Eresia pearcei</i> , p. 222. | 8. <i>Carystus simulius</i> , p. 248. |
| 4. — <i>mundina</i> , p. 221. | 9. <i>Erycides orasus</i> , p. 248. |
| 5. — <i>nussia</i> , p. 222. | 10. <i>Telegonus lucydus</i> , p. 247. |

* I cannot determine these species; they are simply brown on both sides.